

TN 295

.U4

No. 9158







International Mining Cost Indexation System

Indexes for 96 Countries

By D. E. Sullivan, P. R. Thomas, and E. H. Yaremchuk



UNITED STATES DEPARTMENT OF THE INTERIOR



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PO

UNITED STATES DEPARTMENT OF THE INTERIOR
Donald Paul Hodel, Secretary

BUREAU OF MINES
David S. Brown, Acting Director

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environment and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

TN295
.U4
70.9158

Library of Congress Cataloging-in-Publication Data

Sullivan, Daniel E.

International mining cost indexation system indexes for 96 countries.

(Information circular; 9158)

Supt. of Docs. no.: I 28.27: 9158

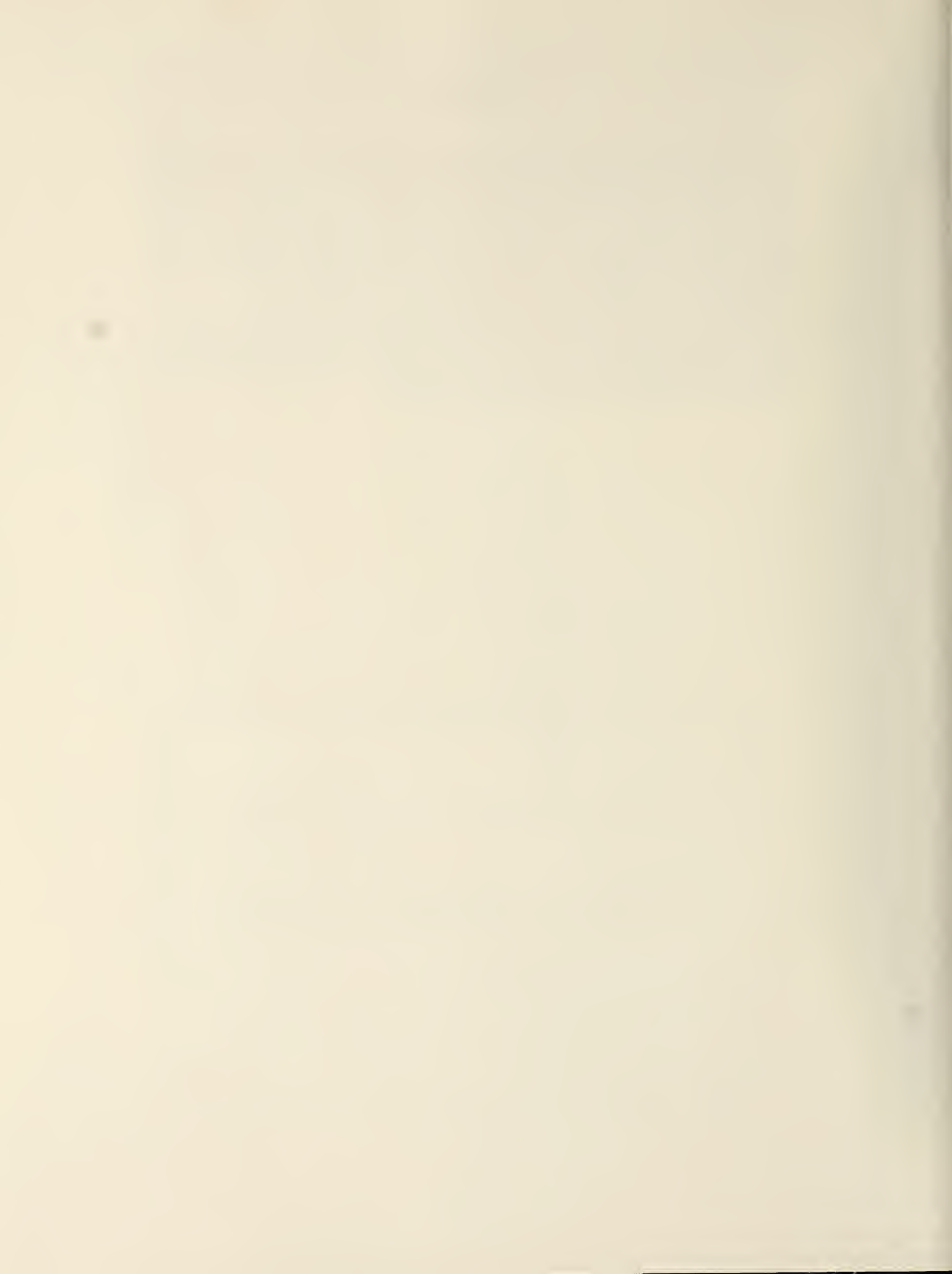
1. Mineral industries—Costs—Statistical methods. 2. Index numbers (Economics)
I. Thomas, Paul R. II. Yaremchuk, Elizabeth H. III. Title. IV. Series: Information circular
(United States. Bureau of Mines); 9158.

TN295.U4 [HD9506.A2] 622 s [338.2'3] 87-600139

PREFACE

This volume contains the first comprehensive compilation of the International Mining Cost Indexation System (IMCI) to be published by the Bureau of Mines. The IMCI is used in cost evaluations conducted by the Minerals Availability Program to update country-specific mining and processing capital and operating cost data and transportation cost data to comparable time periods. The volume includes mining cost indexes for 96 countries, many of which were developed by Phoenix Associates, Inc., under contract to the Bureau of Mines. Country documentation reports that detail index construction methodology and provide full bibliographic information and primary data are available for some countries as open file reports.

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UNIT OF MEASURE ABBREVIATIONS USED IN THIS REPORT

mt
pct
yr

metric ton
percent
year

INTERNATIONAL MINING COST INDEXATION SYSTEM

Indexes for 96 Countries

By D. E. Sullivan,¹ P. R. Thomas,¹ and E. H. Yaremchuk²

ABSTRACT

The Minerals Availability Program of the Bureau of Mines conducts cost evaluations of current and potential mineral operations in the United States and foreign countries. The International Mining Cost Indexation System (IMCI) allows data of different time periods within a country to be updated to a common base year for analytical purposes. The IMCI comprises 12 factor cost indexes and an exchange rate series for 96 market economy countries, denominated in both local and U.S. currency.

The IMCI for each country contains 12 time series indexes that measure the average annual rate of change in the cost of factor inputs to the mining industry within that country. Mining industry factor cost indexes include wages, plant and equipment, construction and mining materials, power and transportation, and other measures considered to comprise the majority of capital and operating costs. Cost data or proxies are collected in local currency. Index series within each country are constructed separately and indexed on a 1975 base year. The local currency index is converted to a U.S.-dollar-based currency index using an exchange ratio.

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INTRODUCTION

This publication contains 12 mining cost indexes for each of 96 countries. The cost indexes comprise the International Mining Cost Indexation System (IMCI). The IMCI is an ongoing system that maintains and develops measures of average annual rates of change in the cost of factor inputs to the mining sector of selected foreign countries and the United States. The factor inputs include wages, equipment, mining supplies, electric power, fuel, transportation, and other measures that are considered to comprise the majority of mining capital and operating costs. Concept definitions for each factor input are listed in table 1.

The mining cost indexes are shown by country in tables 2 through 97. Data are available from 1970 to 1983 for all countries, with some series extending to 1985. Twelve indexes and an exchange rate are presented for each year in each country table. The top portion of each country table lists the indexes denominated in local currency and the currency exchange rate in terms of local currency per U.S. dollar. The bottom portion shows the identical indexes denominated in U.S. dollars and the exchange ratio used in the conversion from local currency index to U.S. currency index.

Cost data for constructing new indexes or existing indexes are collected in terms of the local currency. Typical sources include publications of the United Nations, International Monetary Fund (IMF), World

Bank, national statistical offices, and other governmental and nongovernmental agencies, banks, and foreign embassies. Index construction and forecasting are performed using standard econometric techniques that are structured to accommodate the unique data availability of each country. Indexes within each country are constructed separately and indexed on a 1975 base year. The formula to convert from local currency index (LCI) to U.S. currency index (USCI) is—

$$\text{USCI} = \text{LCI} \times (\text{1975 exchange rate/current year exchange rate}).$$

Two guidelines should be observed when using the IMCI system to make comparisons of index changes between countries to avoid drawing incorrect conclusions. First, compare the minerals produced by each country. If the minerals industry in a country is dominated by the production of one or two major minerals, the indexes necessarily reflect changing costs in the production of those commodities. Comparisons should only be made between countries that produce like commodities and employ similar mining technologies. Second, always work with figures denominated in the same currency, preferably the currency of the country that will be affected by analysis of the data. When comparisons are made to U.S. costs, for example, a U.S.-dollar-denominated index should be used.

Table 1.—Mining industry cost index categories and concept definitions

Index	Category	Concept definition
1	Mining wage	Mine and plant labor; includes skilled, unskilled, local, and expatriate labor.
2	Construction wage	Includes all labor (see index 1 above) employed in the construction of mine and mill plants.
3	Equipment and repair parts	Equipment and repair parts relevant to mining and milling operations and related infrastructure, e.g., front-end loaders, shovels, load haul dumps, trucks, trains, jumbo drills, as well as crushers, grinding mills, flotation cells, thickeners, dryers, etc.
4	Bits and related steel	Steel for mining and milling applications such as drill bits, pipe, fan liners, etc., as well as replacement parts such as steel balls, rods, shell and head liners, scoop lips, etc.
5	Timber and lumber	Timber and lumber for applications such as cribbing, lagging, and support in underground mining.
6	Fuel	Refined fuel products weighted toward diesel.
7	Explosives	All types of blasting supplies, e.g., propellant powders, blasting caps, etc.
8	Tires and rubber	All types of tires applicable to mining operations, e.g., for load haul dumps and trucks, as well as other parts made of rubber, such as conveyor or other "belts" for machinery.
9	Construction materials	Materials such as sand, gravel, cement, limestone, reinforcing rods, steel, fasteners, etc., for use in construction of mine and mill plants and related infrastructure.
10	Chemicals	Mining and milling chemicals used in daily operations, e.g., wetting agents, mining reagents, dust depressants, flocculants, etc.
11	Transportation	Transport based upon an assessment of the country's normal freight transport network relevant to the mineral industry. Includes rail, truck, barge, and pipeline.
12	Electric power	Standard industrial.

The IMCI was developed by the Bureau of Mines to support its engineering and economic evaluation of foreign mineral properties and also to serve as a separate product of the Minerals Availability Program that is available to the public to support mining industry or property-specific cost evaluations. It is used to update property-specific cost estimates either in the currency of the host country or in terms of U.S. dollars in the Bureau's engineering Cost Estimating System, in the Supply Analysis Model, and in various economic market models. An example of cost updating using the IMCI is included as an appendix. The IMCI can also be used to measure the differing rates of change in the costs of factor inputs to the mining industry of foreign countries and to quantify the foreign exchange bias that enters into cost conversions from a local to a base currency.

The IMCI is an integral part of the Minerals Availability Program of the Bureau of Mines. The Minerals Availability Program investigates the availability of mineral resources in the United States and other countries and estimates the supply potential of minerals considered either essential or strategic to national security and the U.S. economy. The program identifies,

collects, compiles, and evaluates information on producing and potential deposits and on mineral processing plants. Major activities of the program include classification of domestic and foreign mineral resources, evaluation of mineral production costs, and sensitivity analyses of physical, technologic, and economic factors that influence the viability of mineral production.

The IMCI enables minerals analysis in the Bureau of Mines to monitor and evaluate the change in mining costs through time on an individual factor basis as well as on an operating, capital, or total cost basis. In addition, the IMCI can be used to determine the degree to which the competitiveness of the mining industry in different countries is influenced by changing factor input costs and the strength of the host country's currency. It should be noted that indexes reflect only the relative cost of a factor input within a country and not differences in factor input costs between countries. Other applications for the IMCI are currently being researched. Any users who develop new applications for the indexes or improved methodologies are encouraged to notify the Division of Minerals Availability of the Bureau of Mines.

MINING COST INDEXES

Table 2.—Mining cost indexes for Algeria

Year	Local currency index												Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	58.5	78.6	65.8	66.4	42.5	38.3	64.9	52.4	72.8	63.9	91.2	100.0	4.937
1971	89.6	74.2	68.4	62.6	43.7	45.2	68.1	59.6	73.3	66.8	85.3	100.0	4.913
1972	113.1	81.8	64.1	61.1	47.1	53.0	70.1	66.3	81.7	66.5	86.3	100.0	4.484
1973	92.7	87.1	59.2	78.8	105.8	56.5	70.5	71.3	82.6	72.2	87.3	100.0	3.959
1974	101.4	97.8	78.0	123.6	100.8	87.0	84.3	84.7	95.0	98.8	84.3	100.0	4.181
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	3.949
1976	125.7	104.9	126.0	104.2	118.5	105.2	104.2	102.0	121.0	104.3	129.4	100.0	4.164
1977	158.1	115.7	136.0	102.6	131.7	107.0	106.8	107.5	126.9	111.6	132.4	100.0	4.147
1978	163.5	126.1	142.4	121.3	151.6	121.7	118.6	111.5	139.6	121.3	109.8	100.0	3.966
1979	174.1	172.8	153.3	145.7	163.0	128.9	137.6	114.8	151.8	139.8	180.4	100.0	3.853
1980	237.7	223.9	174.8	153.3	193.1	192.3	157.7	129.5	164.3	151.5	195.1	100.0	3.837
1981	268.8	253.1	218.8	133.7	183.7	274.4	154.3	161.0	185.1	148.9	184.3	100.0	4.316
1982	280.9	263.2	252.6	143.7	161.6	287.5	147.1	154.9	196.0	154.4	218.6	100.0	4.592
1983	295.4	276.4	264.7	136.7	144.2	271.8	137.6	168.8	203.9	153.4	222.6	100.0	4.789
1984	317.2	296.3	277.7	135.9	137.6	263.7	124.2	186.1	215.8	149.8	229.9	100.0	4.983
1985	334.4	312.0	282.3	137.5	167.3	262.5	132.6	203.8	225.2	158.3	235.4	100.0	5.033
Year	U.S. currency index												Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	46.8	62.9	52.6	53.1	34.0	30.6	51.9	41.9	58.2	51.1	72.9	80.0	0.799878
1971	72.0	59.6	55.0	50.3	35.1	36.3	54.7	47.9	58.9	53.7	68.5	80.4	.803785
1972	99.6	72.0	56.5	53.8	41.5	46.7	61.8	58.4	72.0	58.6	76.0	88.1	.880686
1973	92.5	86.9	59.1	78.6	105.5	56.4	70.3	71.1	82.4	72.0	87.0	99.7	.997474
1974	95.8	92.4	73.7	116.8	95.2	82.1	79.6	80.0	89.7	93.3	79.6	94.4	.944510
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.000000
1976	119.2	99.5	119.5	98.8	112.4	99.8	98.8	96.7	114.8	98.9	122.7	94.8	.948366
1977	150.6	110.2	129.5	97.7	125.4	101.8	101.7	102.3	120.8	106.3	126.0	95.2	.952254
1978	162.8	125.6	141.7	120.8	150.9	121.2	118.1	111.0	139.0	120.7	109.3	99.6	.995713
1979	178.5	177.1	157.1	149.3	167.1	132.1	141.0	117.6	155.6	143.3	184.9	102.5	1.024915
1980	244.6	230.4	179.9	157.8	198.7	197.9	162.3	133.3	169.1	155.9	200.8	102.9	1.029189
1981	246.8	231.6	200.2	122.3	168.1	251.1	141.2	147.3	169.3	136.3	168.6	91.5	.914967
1982	241.5	226.4	217.3	123.6	138.9	247.2	126.5	133.2	168.5	132.8	188.0	86.0	.859973
1983	243.6	227.9	218.3	112.7	118.9	224.2	113.4	139.2	168.1	126.5	183.6	82.5	.824598
1984	251.3	234.8	220.1	107.7	109.1	209.0	98.4	147.5	171.0	118.7	182.1	79.2	.792494
1985	262.4	244.8	221.5	107.9	131.2	206.0	104.0	159.9	176.7	124.2	184.7	78.5	.784621

Table 3.—Mining cost indexes for Angola

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	22.7	54.6	59.2	69.5	38.2	13.4	70.6	63.8	69.4	61.4	52.6	56.8	28.750
1971	26.2	57.1	61.9	71.6	39.5	17.5	72.3	65.7	72.2	63.3	55.3	59.1	28.750
1972	25.8	58.8	59.7	73.6	43.8	18.4	73.4	67.6	71.4	65.4	59.6	58.0	27.011
1973	44.7	66.2	57.1	79.6	101.9	23.9	77.6	73.4	74.2	71.4	67.5	64.8	24.673
1974	97.0	84.9	73.3	95.2	94.6	102.2	86.5	86.5	91.1	97.9	80.4	89.8	25.408
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	25.553
1976	104.7	126.0	141.3	123.4	132.9	127.0	101.9	106.3	120.6	109.4	136.1	115.0	30.223
1977	120.0	126.0	151.6	134.8	146.9	137.5	93.4	116.4	126.6	110.6	169.1	130.4	29.918
1978	120.4	156.3	166.0	126.6	176.7	138.6	114.0	110.7	135.3	122.5	189.1	143.1	29.918
1979	142.9	175.0	184.0	127.0	195.6	199.8	104.8	129.6	152.5	151.8	214.8	159.7	29.918
1980	235.8	196.2	210.7	154.4	232.7	327.6	143.1	163.7	187.7	200.5	235.8	175.6	29.918
1981	299.6	217.2	223.2	163.1	187.4	350.8	122.9	140.9	175.2	210.3	255.4	190.3	28.483
1982	267.7	231.8	256.9	162.5	164.3	360.1	124.6	127.3	170.4	227.2	281.2	205.4	30.210
1983	280.3	250.5	258.1	147.0	140.6	325.4	114.6	120.2	151.4	221.6	304.9	220.6	30.210
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	20.1	48.5	52.6	61.8	34.0	11.9	62.7	56.7	61.7	54.6	46.7	50.5	0.888900
1971	23.3	50.8	55.0	63.6	35.1	15.6	64.3	58.4	64.1	56.3	49.2	52.5	.888900
1972	24.4	55.6	56.5	69.6	41.5	17.4	69.4	64.0	67.6	61.9	56.4	54.8	.946021
1973	46.3	68.6	59.1	82.4	105.5	24.8	80.4	76.0	76.8	74.0	69.9	67.1	1.035666
1974	97.5	85.4	73.7	95.7	95.2	102.8	87.0	87.0	91.6	98.4	80.9	90.3	1.005706
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	88.5	106.5	119.5	104.4	112.4	107.3	86.2	89.9	101.9	92.5	115.1	97.3	.845481
1977	102.5	107.6	129.5	115.2	125.4	117.4	79.8	99.4	108.1	94.5	144.4	111.4	.854101
1978	102.8	133.5	141.8	108.1	150.9	118.3	97.3	94.5	115.5	104.6	161.5	122.2	.854101
1979	122.1	149.5	157.1	108.4	167.1	170.6	89.5	110.7	130.2	129.6	183.4	136.4	.854101
1980	201.4	167.6	179.9	131.9	198.7	279.8	122.2	139.8	160.3	171.2	201.4	150.0	.854101
1981	232.9	194.8	200.2	146.3	168.1	314.7	110.3	126.4	157.1	188.7	229.1	170.7	.897131
1982	226.5	196.1	217.3	137.4	138.9	304.6	105.4	107.6	144.1	192.2	237.8	173.8	.845845
1983	237.1	211.8	218.3	124.3	118.9	275.2	96.9	101.7	128.1	187.5	257.9	186.6	.845845

Table 4.—Mining cost indexes for Argentina

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	15.2	7.2	6.5	4.1	7.1	5.0	3.4	13.9	4.8	7.7	9.5	39.1	0.0004
1971	21.4	10.1	7.7	5.5	9.7	6.7	4.2	15.5	5.9	9.5	11.1	49.2	.0005
1972	31.5	14.6	13.0	10.1	17.6	10.3	8.2	25.2	9.9	15	18.4	52.5	.0008
1973	49.4	26.5	19.2	16.5	30.5	18.7	10.8	35.5	16.0	21.9	32.2	73.4	.0009
1974	63.8	35.9	24.2	22.2	41.6	32.4	17.2	41.7	23.0	26.9	41.6	80.3	.0009
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.0037
1976	518.2	299.3	562.1	577.6	619.8	435.2	592.7	554.1	573.8	619.8	620.9	610.2	.0140
1977	1144.2	646.7	1154.0	1349.0	1694.0	1125.3	1027.6	1447.3	1087.8	1548.7	1684.0	1804.4	.0410
1978	2092.4	1249.1	2784.2	2950.4	4305.7	2876.2	2581.6	3688.8	2864.0	4109.3	4706.0	4807.7	.0800
1979	5190.6	3239.1	6300.2	6039.1	10849.1	5817.9	3829.2	8158.5	7322.0	9316.4	11198.1	12384.4	.1320
1980	12473.5	7688.7	11414.3	11106.1	22960.7	11442.9	4959.0	15783.0	14578.2	17889.4	23867.6	27706.8	.1840
1981	28888.2	14362.4	22670.8	21541.0	38879.5	27720.0	10428.2	45446.6	29404.3	40731.5	50537.0	68588.2	.4400
1982	86125.8	34291.4	80438.8	93366.5	114238.0	75961.8	43528.0	185674.0	85501.3	140087.0	126578.0	135947.0	2.5920
1983	394207.0	231106.0	431698.0	357842.0	896599.0	467923.0	273768.0	751362.0	417513.0	601046.1	631491.1	577041.0	10.5300
1984	2868410.0	2037240.0	2271810.0	2043230.0	7674450.0	3993180.0	2268420.0	3339910.0	2836550.0	4052680.0	4687160.0	4971310.0	67.6490
1985	1613500.0	1280460.0	1177840.0	1008210.0	5800900.0	2929880.0	1604860.0	1466540.0	1576360.0	2136040.0	2508900.0	2884310.0	356.4730
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	140.6	66.6	60.1	37.9	65.7	46.3	31.5	128.6	44.4	71.2	87.9	361.7	9.250000
1971	158.4	74.7	57.0	40.7	71.8	49.6	31.1	114.7	43.7	70.3	82.1	364.1	7.400000
1972	145.7	67.5	60.1	46.7	81.4	47.6	37.9	116.6	45.8	69.4	85.1	242.8	4.625000
1973	203.1	108.9	78.9	67.8	125.4	76.9	44.4	145.9	65.8	90.0	132.4	301.8	4.111111
1974	262.3	147.6	99.5	91.3	171.0	133.2	70.7	171.4	94.6	110.6	171.0	330.1	4.111111
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	137.0	79.1	148.6	152.7	163.8	115.0	156.6	146.4	151.7	163.8	164.1	161.3	.264285
1977	103.3	58.4	104.1	121.7	152.9	101.6	92.7	130.6	98.2	139.8	152.0	162.8	.090244
1978	96.8	57.8	128.8	136.5	199.1	133.0	119.4	170.6	132.5	190.1	217.6	222.4	.046250
1979	145.5	90.8	176.6	169.3	304.1	163.1	107.3	228.7	205.2	261.1	313.9	347.1	.028000
1980	250.8	154.6	229.5	223.3	461.7	230.1	99.7	317.4	293.2	399.3	480.0	567.2	.020109
1981	242.9	120.8	190.6	181.1	284.9	233.1	87.7	382.2	247.3	342.5	425.0	576.5	.008409
1982	122.9	49.0	114.8	133.3	163.1	108.4	62.1	205.0	122.1	200.0	180.7	194.1	.001427
1983	138.5	81.2	151.7	125.7	315.0	164.4	96.2	264.0	146.7	211.2	221.9	202.8	.000351
1984	156.9	111.4	124.3	111.8	419.8	218.4	124.1	182.7	155.1	221.7	256.4	271.9	.000055
1985	167.5	132.9	122.3	107.8	602.1	304.1	166.6	152.2	163.6	221.7	260.1	299.4	.000010

Table 5.—Mining cost indexes for Australia

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	43.5	44.6	62.6	58.6	54.0	69.3	89.0	86.3	58.5	67.0	54.9	75.8	0.898
1971	49.4	50.1	66.6	62.0	56.6	72.6	88.4	84.8	62.0	66.2	58.6	76.6	.880
1972	52.4	54.7	69.3	66.4	60.9	77.2	91.5	80.7	64.9	64.2	64.7	78.2	.839
1973	58.8	62.4	73.5	70.7	71.2	81.7	78.5	69.3	70.2	64.4	73.4	81.4	.706
1974	87.9	87.2	85.0	81.4	86.7	86.3	84.9	81.9	84.2	81.8	81.9	89.3	.697
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.764
1976	114.3	114.9	112.6	118.1	111.8	114.4	119.1	116.5	114.0	106.3	129.0	109.2	.818
1977	126.1	126.1	123.6	131.4	123.1	117.5	138.9	134.8	124.6	113.6	167.2	118.0	.902
1978	135.6	137.0	133.2	142.2	131.0	162.3	145.6	138.0	133.3	120.7	202.8	127.5	.874
1979	144.4	143.0	145.0	155.5	143.9	195.8	164.3	162.4	147.0	139.4	237.7	137.3	.895
1980	159.1	158.3	164.0	175.3	165.1	255.5	181.7	183.4	168.7	161.3	275.9	151.2	.878
1981	184.9	183.3	180.0	196.3	182.6	293.9	208.2	191.3	186.4	170.5	342.1	172.2	.870
1982	198.5	202.2	201.0	221.9	196.8	350.5	216.7	198.8	187.3	181.4	356.0	194.6	.983
1983	207.0	211.8	215.3	235.2	209.2	317.4	224.7	190.9	199.1	191.5	400.5	206.0	1.108
1984	216.1	220.4	228.2	246.8	232.0	332.7	242.4	215.6	210.1	197.6	437.0	198.9	1.188
1985	237.8	242.4	248.8	270.1	252.4	349.9	265.7	233.6	233.0	206.2	491.8	201.0	1.259

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	37.0	37.9	53.3	49.9	45.9	58.9	75.7	73.4	49.7	57.0	46.7	64.5	0.850779
1971	42.8	43.5	56.9	53.8	49.2	63.0	76.8	73.6	53.8	57.5	50.9	66.5	.868181
1972	47.7	49.8	63.1	60.5	55.5	70.3	83.4	73.5	59.1	58.5	58.9	71.2	.910607
1973	63.6	67.5	79.5	76.5	77.1	88.5	84.9	75.0	75.9	69.7	79.4	88.1	1.082152
1974	96.3	95.6	93.2	89.2	95.1	94.6	93.1	89.8	92.3	89.6	89.8	97.9	1.096126
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	106.7	107.3	105.2	110.3	104.4	106.9	111.3	108.8	106.5	99.3	120.5	102.0	.933985
1977	106.8	106.8	104.7	111.3	104.3	99.5	117.7	114.2	105.5	96.2	141.6	99.9	.847006
1978	118.5	119.8	116.4	124.3	114.5	141.8	127.3	120.6	116.5	105.5	177.2	111.5	.874141
1979	123.3	122.1	123.8	132.7	122.8	167.2	140.2	138.6	125.5	119.0	202.9	117.2	.853631
1980	138.5	137.7	142.7	152.5	143.6	222.3	158.1	159.6	146.8	140.3	240.1	131.6	.870159
1981	162.3	161.0	158.1	172.4	160.3	258.1	182.8	168.0	163.7	149.7	300.4	151.2	.878160
1982	154.3	157.1	156.2	172.4	152.9	272.4	168.4	154.5	145.6	141.0	276.7	151.2	.777212
1983	142.7	146.0	148.4	162.1	144.2	218.9	154.9	131.6	137.3	132.1	276.2	142.0	.699530
1984	139.0	141.7	146.7	158.7	149.2	213.9	155.8	138.6	135.1	127.0	281.0	127.9	.643097
1985	144.3	147.1	151.0	163.9	153.1	212.3	161.2	141.7	141.4	125.1	298.4	121.9	.606830

Table 6.—Mining cost indexes for Austria

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	50.6	55.8	72.8	68.6	71.9	57.9	77.5	75.0	74.9	51.8	74.8	82.7	26.000
1971	58.2	59.7	79.0	72.2	76.7	67.1	75.9	80.4	79.8	54.7	74.5	82.7	24.960
1972	65.3	67.5	83.8	72.3	74.9	68.7	80.4	79.7	83.5	54.7	81.6	85.9	23.115
1973	73.2	74.7	79.5	71.2	101.4	66.4	83.4	84.7	79.7	61.2	81.8	95.2	19.580
1974	81.6	84.9	89.2	96.5	121.6	97.2	96.9	96.7	91.5	93.6	88.5	95.4	18.693
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	17.417
1976	109.0	112.1	107.0	100.9	105.8	109.5	104.6	101.4	105.4	96.9	99.7	105.0	17.940
1977	118.6	124.0	111.8	99.7	110.8	112.4	105.3	102.7	109.7	95.1	114.6	110.7	16.527
1978	124.4	135.0	114.8	100.3	106.5	112.4	107.7	100.3	112.1	94.8	120.4	110.7	14.522
1979	131.6	142.6	116.4	104.1	117.3	122.8	110.3	105.4	116.7	111.3	114.3	115.6	13.368
1980	140.7	149.1	121.4	106.3	134.5	153.6	114.9	114.3	125.4	121.6	113.6	126.9	12.938
1981	150.6	160.1	131.8	107.7	140.9	191.4	133.7	123.4	138.4	137.2	127.7	139.5	15.927
1982	161.8	171.3	137.9	124.8	138.5	194.9	141.8	128.8	147.1	146.4	132.6	145.4	17.059
1983	170.3	181.0	139.7	124.6	136.1	191.1	121.1	127.7	150.5	147.2	135.2	146.5	17.963
1984	183.8	190.2	146.2	126.1	139.6	192.0	116.6	119.5	150.1	136.5	139.6	155.0	18.500
1985	196.9	202.1	153.8	130.1	143.8	179.1	118.7	124.0	151.9	140.3	145.8	168.1	16.500

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	33.9	37.4	48.8	46.0	48.2	38.8	51.9	50.2	50.1	34.7	50.1	55.4	0.699884
1971	40.6	41.6	55.1	50.3	53.5	46.8	53.0	56.1	55.7	38.2	52.0	57.7	.697796
1972	49.2	50.8	63.2	54.4	56.4	51.8	60.6	60.0	62.9	41.2	61.5	64.7	.753493
1973	65.1	66.4	70.7	63.3	90.2	59.1	74.2	75.4	70.9	54.5	72.7	84.7	.899530
1974	76.0	79.1	83.1	89.9	113.3	90.6	90.3	90.1	85.2	87.2	82.5	88.9	.931739
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	105.8	108.8	103.8	98.0	102.7	106.3	101.6	98.4	102.3	94.1	96.8	102.0	.970847
1977	124.9	130.7	117.8	105.1	116.8	118.4	111.0	108.2	115.6	100.2	120.7	116.6	1.053851
1978	149.3	161.9	137.6	120.4	127.7	134.8	129.2	120.3	134.5	113.7	144.4	132.7	1.199352
1979	171.5	185.8	151.6	135.6	152.8	160.0	143.7	137.4	152.1	145.1	148.9	150.6	1.302887
1980	189.4	200.8	163.4	143.1	181.1	206.8	154.6	153.9	168.8	163.7	152.9	170.9	1.346189
1981	164.7	175.1	144.1	117.8	154.1	209.3	146.2	135.0	151.4	150.0	139.7	152.6	1.093551
1982	165.2	174.9	140.8	127.4	141.4	199.0	144.8	131.6	150.2	149.5	135.4	148.5	1.020985
1983	165.1	175.5	135.4	120.8	132.0	185.3	117.4	123.8	145.9	142.7	131.1	142.1	.969604
1984	173.0	179.0	137.6	118.7	131.5	180.7	109.8	112.5	141.3	128.5	131.4	146.0	.941459
1985	207.9	213.4	162.4	137.3	151.8	189.0	125.3	130.9	160.4	148.1	153.9	177.4	1.055575

Table 7.—Mining cost indexes for Bolivia

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	60.5	55.6	31.2	23.2	17.8	66.2	19.3	32.4	32.7	43.9	20.1	60.1	11.890
1971	62.5	59.3	32.7	26.0	11.2	68.3	19.8	33.0	32.7	45.1	31.0	61.2	11.890
1972	70.2	67.7	37.5	29.8	20.0	71.1	24.5	40.8	37.2	44.5	37.0	61.2	13.295
1973	77.1	75.1	59.1	64.3	63.1	91.4	42.2	71.2	70.8	85.1	50.3	66.1	20.000
1974	100.0	99.7	73.7	91.4	76.4	91.7	70.6	99.6	95.3	110.7	59.0	75.9	20.000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	20.000
1976	100.0	127.5	119.5	151.0	82.6	162.4	155.0	93.4	127.9	162.0	94.0	107.4	20.000
1977	125.5	145.5	129.5	121.1	119.2	162.9	92.3	99.9	103.8	139.1	100.7	118.1	20.000
1978	148.8	160.0	141.8	135.7	149.9	162.7	118.7	110.0	124.9	189.0	103.9	118.1	20.000
1979	161.8	218.8	160.2	171.1	157.4	184.7	108.5	120.0	170.4	264.0	129.1	121.9	20.393
1980	202.4	297.8	220.5	271.1	192.6	490.1	121.1	166.5	268.7	436.3	188.7	212.7	24.510
1981	208.9	370.1	245.3	219.5	212.7	731.2	106.2	186.5	253.1	415.0	242.4	408.1	24.510
1982	351.8	516.5	696.6	422.7	356.4	1216.9	197.1	435.5	492.0	634.2	526.9	666.6	64.120
1983	1027.8	1515.6	2508.4	1444.6	1059.7	3305.9	1105.2	1640.3	1576.8	2426.4	1944.6	1471.0	229.780
1984	11609.8	16966.5	23926.1	12148.7	12069.2	28097.5	13487.6	16571.6	15642.2	24096.5	24137.4	13374.0	2174.210
1985	80890.4	118124.0	234948.0	114297.0	84149.2	261815.0	176690.0	176997.0	157778.0	235159.0	169435.0	124357.0	21213.197
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	101.9	93.6	52.6	39.2	30.0	111.5	32.5	54.6	55.0	74.0	33.8	101.1	1.683501
1971	105.2	99.9	55.1	43.8	18.9	115.0	33.3	55.5	55.1	75.9	52.2	103.1	1.683501
1972	105.6	101.8	56.5	44.9	30.2	106.9	36.8	61.3	55.9	67.0	55.7	92.1	1.504324
1973	77.1	75.1	59.1	64.3	63.1	91.4	42.2	71.2	70.8	85.1	50.3	66.1	1.000000
1974	100.0	99.7	73.7	91.4	76.4	91.7	70.6	99.6	95.3	110.7	59.0	75.9	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	100.0	127.5	119.5	151.0	82.6	162.4	155.0	93.4	127.9	162.0	94.0	107.4	1.000000
1977	125.5	145.5	129.5	121.1	119.2	162.9	92.3	99.9	103.8	139.1	100.7	118.1	1.000000
1978	148.8	160.0	141.8	135.7	149.9	162.7	118.7	110.0	124.9	189.0	103.9	118.1	1.000000
1979	158.7	214.6	157.1	167.8	154.3	181.1	105.4	117.7	167.1	258.9	126.6	119.5	.980728
1980	165.2	243.0	179.9	221.2	157.1	399.9	98.8	135.9	219.2	356.0	153.9	173.5	.815993
1981	170.4	302.0	200.2	179.1	173.5	596.7	86.7	152.2	206.6	338.6	197.8	333.0	.815993
1982	109.7	161.1	217.2	131.8	111.1	379.5	61.4	135.8	153.4	197.8	164.3	204.8	.311915
1983	89.4	131.9	218.3	125.7	92.2	287.7	96.2	142.7	137.2	211.1	169.2	128.0	.087039
1984	106.7	156.0	220.0	111.7	111.0	258.4	124.0	152.4	143.8	221.6	222.0	123.0	.009198
1985	76.2	111.3	221.5	107.7	79.3	246.8	166.5	166.8	148.7	221.7	159.7	117.2	.000942

Table 8.—Mining cost indexes for Botswana

Local currency index												
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
Exchange rate												
1970	38.2	38.2	51.8	47.7	56.1	49.6	53.1	62.0	58.2	56.1	74.5	19.8
1971	52.8	52.8	54.9	49.2	61.3	52.8	54.2	63.9	60.1	61.3	77.1	25.0
1972	60.4	60.4	59.0	53.6	64.3	54.7	57.3	65.1	62.7	64.3	58.8	24.5
1973	69.5	69.5	64.9	64.4	69.4	57.6	61.6	70.5	67.0	69.4	69.1	30.0
1974	84.7	84.7	78.5	76.8	84.8	83.3	70.7	89.4	82.0	84.8	84.7	36.5
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	129.0	129.0	117.9	116.7	104.4	140.6	106.4	111.0	110.3	104.4	121.4	234.8
1977	136.8	136.8	133.6	134.9	121.3	173.0	124.7	131.6	128.4	121.3	133.8	264.1
1978	159.9	159.9	149.3	153.9	153.5	177.9	148.9	146.3	144.8	153.5	117.8	283.2
1979	193.0	193.0	163.2	179.8	163.4	284.7	159.7	159.5	160.5	163.4	123.6	331.5
1980	205.2	205.2	181.0	197.5	185.1	334.7	184.1	178.1	182.3	185.1	130.5	367.2
1981	256.4	256.4	211.2	232.3	227.1	377.2	217.0	197.8	208.0	227.1	199.0	408.8
1982	290.1	290.1	245.6	276.3	240.1	442.0	256.7	225.1	244.1	240.1	238.2	456.4
1983	324.6	324.6	266.3	298.6	248.3	431.9	259.2	233.2	255.7	248.3	311.8	487.1
U.S. currency index												
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
Exchange rate												
1970	37.3	37.3	50.5	46.5	54.8	48.4	51.8	60.5	56.8	54.8	72.7	19.4
1971	51.6	51.6	53.6	48.1	59.9	51.6	53.0	62.4	58.7	59.9	75.3	24.5
1972	63.4	63.4	61.9	56.3	67.5	57.4	60.1	68.3	65.8	67.5	61.7	25.7
1973	65.7	65.7	61.4	60.9	65.7	54.5	58.3	66.7	63.4	65.7	65.4	28.4
1974	78.6	78.6	72.8	71.3	78.7	77.3	65.6	83.0	76.1	78.7	78.6	33.9
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	153.2	153.2	140.1	138.7	124.0	167.1	126.4	131.9	131.0	124.0	144.3	278.9
1977	157.2	157.2	153.6	155.2	139.5	198.9	143.4	151.4	147.7	139.5	153.8	303.7
1978	181.0	181.0	169.0	174.2	173.7	201.3	168.5	165.5	163.9	173.7	133.3	320.5
1979	214.7	214.7	181.5	200.0	181.8	316.7	177.6	177.4	178.5	181.8	137.5	368.8
1980	217.8	217.8	192.2	209.6	196.5	355.3	195.4	189.1	193.5	196.5	138.6	389.8
1981	291.9	291.9	240.5	264.4	258.5	429.4	247.1	225.1	236.8	258.5	226.5	465.3
1982	404.8	404.8	342.7	385.5	335.0	616.7	358.2	314.1	340.6	335.0	332.4	636.9
1983	485.7	485.7	398.4	446.8	371.6	646.3	387.9	348.9	382.6	371.6	466.5	728.9

Table 9.—Mining cost indexes for Brazil

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	31.1	26.4	43.1	35.0	30.3	25.5	19.5	39.1	35.8	29.7	38.1	37.5	4.594
1971	36.9	32.0	48.4	41.2	39.8	31.3	21.5	45.5	41.2	34.8	47.4	45.7	5.288
1972	49.2	38.3	55.5	46.7	59.5	39.7	28.1	53.6	49.5	41.8	53.6	53.1	5.934
1973	53.9	48.5	62.4	54.2	85.1	45.5	33.9	58.8	59.9	47.4	58.8	61.3	6.126
1974	73.5	72.2	76.6	75.3	105.0	72.8	79.0	70.4	80.3	73.5	72.2	74.5	6.790
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	8.127
1976	146.7	133.4	131.5	124.5	142.6	158.7	104.7	128.9	138.8	139.7	133.0	121.8	10.673
1977	197.9	188.9	183.0	169.1	195.2	239.7	131.1	188.5	191.2	201.5	213.4	190.1	14.140
1978	273.8	262.9	248.5	222.4	279.1	317.9	170.7	262.4	262.5	267.0	299.0	239.9	18.070
1979	439.2	424.0	360.7	318.3	507.9	533.4	276.4	365.7	433.6	423.4	472.2	470.5	26.950
1980	781.9	762.0	679.8	545.1	1295.6	1383.5	675.5	704.0	960.2	1025.9	899.0	891.7	52.710
1981	1622.5	1586.0	1629.2	1038.1	2174.0	3066.7	1355.5	1800.9	1932.8	2343.5	1983.5	1846.7	93.120
1982	3525.7	3451.6	3147.8	1984.0	3607.6	5647.9	2583.7	4177.6	4112.7	4596.4	4095.9	3421.3	179.510
1983	6847.9	6708.4	7269.3	3902.3	8394.0	15856.6	6142.3	9718.7	9072.4	12133.6	11147.2	9523.5	577.040
1984	18121.5	17759.7	21484.8	11638.2	26958.1	50623.4	20962.6	29043.4	30143.4	40348.3	35539.2	30304.9	1846.980
1985	53139.8	52087.7	64288.3	28424.3	65716.2	202299.0	70723.7	86198.7	91286.5	141950.0	141953.0	120967.0	5540.940
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	55.1	46.7	76.4	61.9	53.7	45.2	34.6	69.2	63.4	52.6	67.5	66.4	1.769046
1971	56.7	49.2	74.4	63.4	61.2	48.2	33.1	70.0	63.4	53.5	72.9	70.2	1.536875
1972	67.4	52.5	76.0	64.0	81.5	54.4	38.5	73.5	67.8	57.2	73.4	72.7	1.369565
1973	71.5	64.4	82.8	72.0	113.0	60.4	44.9	78.0	79.4	62.8	78.0	81.3	1.326640
1974	88.0	86.4	91.7	90.1	125.7	87.1	94.6	84.3	96.1	88.0	86.4	89.1	1.196907
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	111.7	101.6	100.2	94.8	108.6	120.8	79.7	98.1	105.7	106.4	101.3	92.7	.761454
1977	113.7	108.5	105.2	97.2	112.2	137.8	75.3	108.3	109.9	115.8	122.6	109.3	.574752
1978	123.1	118.2	111.7	100.0	125.5	142.9	76.7	118.0	118.0	120.1	134.4	107.9	.449750
1979	132.4	127.8	108.7	95.9	153.1	160.8	83.3	110.2	130.7	127.6	142.4	141.9	.301558
1980	120.5	117.4	104.8	84.0	199.7	213.3	104.1	108.5	148.0	158.1	138.6	137.4	.154183
1981	141.6	138.4	142.1	93.2	189.7	266.7	118.3	157.1	168.6	204.5	173.1	161.1	.087274
1982	159.6	156.2	142.5	89.8	163.3	255.7	116.9	189.1	186.1	208.0	185.4	154.8	.045273
1983	96.4	94.4	102.3	54.9	122.4	223.3	86.5	136.8	127.7	170.8	156.9	134.1	.014083
1984	79.7	78.1	94.5	51.2	118.6	222.7	91.7	127.7	132.6	177.5	156.3	133.3	.004400
1985	77.9	76.3	94.2	41.6	96.3	296.7	103.7	126.4	133.8	208.2	208.2	177.4	.001466

Table 10.—Mining cost indexes for British Solomon Islands

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	69.3	69.3	62.6	58.6	54.0	69.3	89.0	64.1	58.5	67.0	66.9	85.6	0.898
1971	69.3	69.3	65.6	62.0	56.6	72.6	88.4	64.0	62.0	66.2	67.9	85.6	.880
1972	74.1	74.1	69.3	66.4	60.9	77.2	91.5	67.3	64.9	64.2	72.2	85.8	.839
1973	76.5	76.5	73.5	70.7	71.2	81.7	78.5	65.8	70.2	64.4	74.5	87.2	.706
1974	90.9	90.9	85.0	81.4	86.7	86.3	84.9	90.9	84.2	81.8	89.0	90.9	.697
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.764
1976	104.3	104.3	112.6	118.1	111.8	114.4	119.1	100.0	114.0	106.3	106.5	109.7	.818
1977	113.1	113.1	123.6	131.4	123.1	117.5	138.9	118.0	124.6	113.6	116.6	120.3	.902
1978	117.9	117.9	133.2	142.2	131.0	162.3	145.6	125.8	133.3	120.7	127.1	145.0	.874
1979	127.4	127.4	145.0	155.5	143.9	195.8	164.3	137.8	147.0	139.4	139.7	168.0	.895
1980	144.1	144.1	164.0	175.3	165.1	255.5	181.7	155.4	168.7	161.3	160.7	208.7	.874
1981	167.7	167.7	180.0	196.3	182.6	293.9	208.2	173.3	186.4	170.5	183.1	234.9	.870
1982	193.9	193.9	201.0	221.9	196.8	371.1	216.7	174.8	187.3	181.4	207.6	287.6	.983
1983	202.3	202.3	219.2	231.0	197.1	371.1	224.7	197.1	200.7	189.4	220.4	287.6	1.055
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	58.9	58.9	53.3	49.9	45.9	58.9	75.7	54.5	49.7	57.0	56.9	72.8	0.850779
1971	60.1	60.1	56.9	53.8	49.2	63.0	76.8	55.5	53.8	57.5	59.0	74.3	.868181
1972	67.5	67.5	63.1	60.4	55.5	70.3	83.4	61.3	59.1	58.5	65.8	78.1	.910607
1973	82.7	82.7	79.5	76.5	77.1	88.5	84.9	71.2	75.9	69.7	80.7	94.3	1.082152
1974	99.6	99.6	93.2	89.2	95.1	94.6	93.1	99.6	92.3	89.6	97.6	99.7	1.096126
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	97.4	97.4	105.2	110.3	104.4	106.9	111.3	93.4	106.5	99.3	99.4	102.4	.933985
1977	95.8	95.8	104.7	111.3	104.3	99.5	117.7	99.9	105.5	96.2	98.8	101.9	.847006
1978	103.1	103.1	116.4	124.3	114.5	141.8	127.3	110.0	116.5	105.5	111.1	126.8	.874141
1979	108.7	108.7	123.8	132.7	122.8	167.2	140.2	117.7	125.5	119.0	119.3	143.4	.853631
1980	126.0	126.0	143.4	153.2	144.3	223.4	158.8	135.8	147.4	141.0	140.5	182.4	.874141
1981	147.2	147.2	158.1	172.4	160.3	258.1	182.8	152.2	163.7	149.7	160.8	206.3	.878160
1982	150.7	150.7	156.2	172.4	152.9	288.4	168.4	135.8	145.6	141.0	161.4	223.5	.777212
1983	146.5	146.5	158.7	167.2	142.7	268.7	162.7	142.8	145.3	137.2	159.6	208.2	.724170

Table 11.—Mining cost indexes for Burkina Faso (Upper Volta)

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Rits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	66.0	66.0	62.6	59.7	44.0	54.7	66.9	60.4	50.8	61.5	69.2	70.0	277.710
1971	66.0	66.0	66.0	62.8	45.5	54.9	70.4	67.3	54.3	63.5	68.3	80.0	277.130
1972	66.0	66.0	69.1	64.3	48.8	54.2	72.7	72.8	54.8	65.7	67.7	70.0	252.210
1973	72.3	72.3	72.3	72.4	109.7	47.6	73.1	76.4	55.8	70.2	71.1	78.7	222.700
1974	72.3	72.3	86.2	96.9	106.8	79.7	89.4	91.7	72.6	92.4	80.9	78.7	240.500
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	214.320
1976	113.8	113.8	113.0	106.2	125.3	113.1	110.2	129.0	101.5	104.6	110.8	108.9	238.980
1977	153.2	153.2	121.3	112.0	143.8	135.3	116.6	120.6	105.1	109.7	117.2	119.0	245.670
1978	153.2	153.2	135.6	122.2	158.9	141.2	124.4	131.4	113.7	114.3	125.7	125.7	225.640
1979	191.5	191.5	153.0	136.1	165.8	159.1	140.0	154.1	134.3	131.9	131.4	138.6	212.720
1980	191.5	191.5	173.1	144.4	195.9	217.2	160.0	180.9	162.9	157.2	137.8	180.3	211.300
1981	191.5	191.5	196.8	146.8	213.1	346.0	179.0	204.7	193.6	179.5	147.1	272.6	271.730
1982	242.6	242.6	222.5	182.3	213.0	369.8	193.9	227.7	216.6	202.2	168.6	289.7	328.620
1983	242.6	242.6	241.4	199.4	211.1	385.4	209.9	248.1	229.9	220.9	173.8	300.8	380.510

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Rits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	50.9	50.9	48.3	46.1	34.0	42.2	51.6	46.6	39.2	47.4	53.4	54.0	0.771740
1971	51.0	51.0	51.0	48.6	35.1	42.4	54.4	52.0	42.0	49.1	52.8	61.9	.773355
1972	56.0	56.0	58.7	54.6	41.5	46.1	61.8	61.9	46.6	55.9	57.5	59.5	.849768
1973	69.6	69.6	69.6	69.7	105.5	45.9	70.3	73.6	53.7	67.5	68.5	75.8	.962370
1974	64.5	64.5	76.8	86.4	95.2	71.0	79.6	81.7	64.7	82.3	72.1	70.2	.891143
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	102.1	102.1	101.3	95.3	112.4	101.5	98.8	115.7	91.0	93.8	99.3	97.6	.896811
1977	133.6	133.6	105.8	97.7	125.4	118.1	101.7	105.2	91.7	95.7	102.3	103.8	.872389
1978	145.5	145.5	128.8	116.0	150.9	134.1	118.1	124.8	108.0	108.6	119.4	119.4	.949831
1979	192.9	192.9	154.1	137.1	167.1	160.3	141.1	155.3	135.3	132.9	132.4	139.7	1.007521
1980	194.2	194.2	175.6	146.4	198.7	220.3	162.3	183.5	165.2	159.5	139.7	182.9	1.014292
1981	151.0	151.0	155.2	115.8	168.1	272.9	141.2	161.4	152.7	141.6	116.0	215.0	.788724
1982	158.2	158.2	145.1	118.9	138.9	241.2	126.4	148.5	141.3	131.8	109.9	188.9	.652181
1983	136.6	136.6	135.9	112.3	118.9	217.0	118.2	139.7	129.5	124.4	97.9	169.4	.563244

Table 12.—Mining cost indexes for Burma

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Rits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	91.6	89.0	40.9	55.8	46.7	70.9	38.3	40.2	40.2	39.2	84.5	50.9	4.762
1971	90.6	89.4	43.3	55.3	40.7	71.6	40.9	41.5	44.2	38.6	85.5	51.5	4.821
1972	86.9	76.6	52.0	63.0	47.4	71.7	52.2	51.8	55.0	44.2	83.4	52.1	5.454
1973	94.6	94.4	51.2	78.9	46.2	71.2	53.5	54.1	58.5	44.2	84.2	55.5	4.907
1974	104.1	98.2	60.9	122.3	71.8	100.0	59.9	75.0	72.7	64.4	95.2	89.6	4.858
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	6.454
1976	120.9	118.4	117.0	96.5	197.0	100.0	103.6	97.9	110.5	123.2	104.5	148.8	6.770
1977	117.4	122.4	136.4	100.1	180.1	100.0	112.5	110.5	127.5	138.6	110.0	154.9	7.136
1978	137.5	113.4	149.8	125.1	171.7	100.0	125.7	117.0	143.7	151.0	112.9	152.1	6.865
1979	163.8	114.4	158.0	140.3	173.7	100.0	145.3	121.3	157.8	157.3	131.6	139.1	6.651
1980	150.7	114.4	166.7	152.1	199.3	100.0	166.2	139.1	169.6	168.8	137.3	149.0	6.609
1981	154.0	134.2	199.0	170.1	220.4	100.0	159.9	172.3	172.6	202.1	145.8	207.1	7.308
1982	135.0	137.2	216.2	156.9	217.9	105.0	153.0	164.3	172.3	232.2	153.1	209.2	7.807
1983	126.6	140.4	221.8	136.6	207.8	111.3	145.9	176.4	163.4	258.9	162.2	216.4	7.975
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Rits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	124.2	120.6	55.4	75.7	63.3	96.1	51.9	54.5	54.5	53.1	114.5	69.1	1.356312
1971	121.3	119.7	58.0	74.0	54.5	95.9	54.7	55.5	59.2	51.7	114.5	69.0	1.338726
1972	102.9	90.6	61.5	74.5	56.1	84.8	61.8	61.3	65.1	52.4	98.7	61.6	1.183351
1973	124.4	124.2	67.3	103.7	60.7	93.7	70.3	71.2	77.0	58.2	110.7	73.0	1.315263
1974	138.4	130.5	80.9	162.6	95.4	132.9	79.7	99.6	96.6	85.5	126.5	119.0	1.328530
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	115.2	112.9	111.5	92.0	187.8	95.3	98.8	93.4	105.4	117.5	99.6	141.9	.953323
1977	106.2	110.7	123.4	90.6	162.8	90.4	101.7	99.9	115.3	125.4	99.4	140.1	.904428
1978	129.3	106.6	140.8	117.6	161.4	94.0	118.1	110.0	135.1	141.9	106.1	143.0	.940131
1979	158.9	111.0	153.3	136.2	168.6	97.0	141.0	117.7	153.1	152.6	127.7	135.0	.970390
1980	147.1	111.7	162.8	148.5	194.6	97.7	162.3	135.9	165.6	164.9	134.0	145.5	.976547
1981	136.0	118.5	175.7	150.2	194.6	88.3	141.2	152.2	152.4	178.5	128.8	182.9	.883141
1982	111.6	113.4	178.7	129.7	180.1	86.8	126.4	135.8	142.4	191.9	126.5	173.0	.826693
1983	102.4	113.6	179.5	110.6	168.1	90.0	118.1	142.8	132.2	209.5	131.3	175.1	.809278

Table 13.—Mining cost indexes for Cameroon

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	53.4	59.5	62.6	59.7	44.4	34.2	66.9	60.4	85.4	54.5	81.6	39.9	277.710
1971	54.9	62.0	66.0	62.8	45.5	41.2	70.4	67.3	87.3	57.1	80.0	43.7	277.130
1972	57.1	64.5	69.1	64.3	48.8	49.1	72.7	72.8	88.7	59.9	80.0	51.6	252.210
1973	63.5	67.0	72.3	72.4	109.7	51.5	73.1	76.4	89.6	65.5	81.0	62.3	222.700
1974	69.5	69.5	86.2	96.9	106.8	96.3	89.4	91.7	98.0	92.4	93.9	82.0	240.500
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	214.320
1976	100.0	100.0	113.0	106.2	125.3	100.0	110.2	129.0	102.0	104.6	108.6	115.3	238.980
1977	108.0	108.0	121.3	112.0	143.8	107.0	116.6	120.6	111.7	109.7	124.9	140.0	245.670
1978	108.0	141.7	135.6	122.2	158.9	115.2	124.4	131.4	115.3	114.3	147.2	164.0	225.640
1979	121.3	144.7	153.0	136.1	165.8	154.2	140.0	154.1	119.8	131.9	164.4	178.4	212.720
1980	125.9	149.9	173.1	144.4	195.9	231.0	160.0	180.9	135.2	157.2	183.4	199.8	211.300
1981	135.2	174.4	196.8	146.8	213.1	319.7	179.0	204.7	147.1	203.4	211.5	228.1	271.730
1982	150.5	199.0	222.5	182.3	213.0	368.8	193.9	227.7	156.8	232.0	226.4	264.2	328.620
1983	169.5	219.7	241.4	199.4	211.1	384.4	209.9	248.1	162.4	255.6	231.1	295.0	380.510

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	41.2	45.9	48.3	46.1	34.3	26.4	51.6	46.6	65.9	42.1	63.0	30.8	0.771740
1971	42.4	47.9	51.0	48.6	35.1	31.9	54.4	52.0	67.5	44.2	61.8	33.8	.773355
1972	48.5	54.8	58.7	54.6	41.5	41.7	61.8	61.9	75.4	50.9	68.0	43.8	.849768
1973	61.1	64.5	69.6	69.7	105.5	49.5	70.3	73.6	86.2	63.0	78.0	60.0	.962370
1974	61.9	61.9	76.8	86.4	95.2	85.8	79.6	81.7	87.4	82.3	83.7	73.1	.891143
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	89.7	89.7	101.3	95.3	112.4	89.7	98.8	115.7	91.4	93.8	97.4	103.4	.896811
1977	94.2	94.2	105.8	97.7	125.4	93.4	101.7	105.2	97.4	95.7	109.0	122.2	.872389
1978	102.6	134.6	128.8	116.0	150.9	109.4	118.1	124.8	109.5	108.6	139.8	155.8	.949831
1979	122.2	145.8	154.1	137.1	167.1	155.3	141.1	155.3	120.7	132.9	165.6	179.7	1.007521
1980	127.7	152.0	175.6	146.4	198.7	234.3	162.3	183.5	137.1	159.5	186.1	202.7	1.014292
1981	106.7	137.5	155.2	115.8	168.1	252.2	141.2	161.4	116.0	160.4	166.8	179.9	.788724
1982	98.1	129.7	145.1	118.9	138.9	240.5	126.4	148.5	102.2	151.3	147.6	172.3	.652181
1983	95.5	123.7	135.9	112.3	118.9	216.5	118.2	139.7	91.4	143.9	130.2	166.1	.563244

Table 14.—Mining cost indexes for Canada

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	56.8	55.9	70.4	59.3	56.3	51.2	78.0	70.7	65.8	61.8	76.7	73.5	1.044
1971	62.1	63.1	72.2	61.7	72.2	54.6	79.0	73.4	68.4	62.4	78.8	76.0	1.010
1972	66.7	68.4	74.1	63.7	97.4	57.3	78.9	74.5	71.7	63.3	79.9	76.7	.990
1973	74.0	75.2	77.3	68.1	124.2	65.8	80.8	75.8	77.0	66.4	87.1	81.4	1.000
1974	84.5	85.4	87.9	84.1	103.2	85.2	88.7	91.1	93.4	85.5	96.4	90.6	.978
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.017
1976	113.7	115.3	107.1	109.4	120.4	115.3	102.2	99.9	106.6	104.3	105.3	116.7	.986
1977	124.6	129.7	113.4	116.0	134.7	134.0	112.0	105.8	112.5	109.7	115.0	152.3	1.063
1978	134.4	136.5	121.4	125.9	171.6	151.9	112.2	109.3	122.4	118.1	119.1	168.6	1.141
1979	148.4	146.6	136.1	144.3	200.5	182.8	123.2	120.3	142.0	134.1	132.5	184.9	1.171
1980	165.9	160.7	153.9	161.5	165.6	239.8	146.3	144.1	156.6	156.7	143.5	212.1	1.169
1981	187.7	181.9	173.5	179.2	161.2	327.6	167.6	160.4	172.3	178.7	162.8	235.5	1.199
1982	213.8	196.9	189.4	194.0	147.0	372.4	174.9	170.5	187.3	191.5	171.1	265.9	1.234
1983	221.7	208.9	195.3	197.0	197.0	377.3	165.0	172.0	191.2	197.5	184.8	289.8	1.232
1984	234.4	208.0	199.7	201.3	188.2	386.4	172.6	167.7	196.2	204.5	193.5	311.0	1.295
1985	242.3	209.3	208.2	204.3	183.1	418.7	174.7	171.2	202.3	209.0	204.7	330.4	1.365

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	55.4	54.5	68.6	57.8	54.9	49.9	76.0	68.9	64.1	60.2	74.8	71.6	0.974137
1971	62.5	63.5	72.7	62.2	72.7	55.0	79.5	73.9	68.9	62.8	79.3	76.5	1.006930
1972	68.5	70.3	76.1	65.4	100.1	58.8	81.0	76.6	73.7	65.0	82.0	78.8	1.027272
1973	75.3	76.4	78.6	69.3	126.3	66.9	82.2	77.1	78.3	67.6	88.6	82.8	1.017000
1974	87.9	88.8	91.4	87.5	107.3	88.6	92.2	94.8	97.1	88.9	100.2	94.2	1.039877
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	117.2	118.9	110.5	112.8	124.2	118.9	105.4	103.1	109.9	107.6	108.6	120.4	1.031440
1977	119.2	124.1	108.5	111.0	128.9	128.2	107.1	101.2	107.6	105.0	110.0	145.7	.956726
1978	119.8	121.7	108.2	112.2	152.9	135.4	100.0	97.4	109.1	105.3	106.1	150.3	.891323
1979	128.9	127.3	118.2	125.3	174.1	158.7	107.0	104.4	123.3	116.4	115.1	160.6	.863488
1980	144.3	139.8	133.9	140.5	144.1	208.6	127.3	125.3	136.2	136.3	124.8	184.5	.869974
1981	159.2	154.3	147.2	152.0	136.7	277.9	142.1	136.0	146.1	151.5	138.1	199.7	.848206
1982	176.2	162.3	156.1	159.8	121.1	306.9	144.2	140.5	154.3	157.8	141.0	219.1	.824149
1983	183.0	172.4	161.2	162.6	162.6	311.4	136.2	142.0	157.8	163.0	152.6	239.2	.825487
1984	184.1	163.3	156.8	158.1	147.8	303.5	135.5	131.7	154.1	160.6	151.9	244.2	.785328
1985	180.5	155.9	155.1	152.2	136.4	311.9	130.1	127.5	150.7	155.7	152.5	246.1	.745054

Table 15.—Mining cost indexes for Chile

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	81.6	0.012
1971	0.8	0.3	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.2	81.6	.012
1972	0.8	1.0	0.2	0.3	0.2	0.1	0.1	0.3	0.5	0.2	0.5	81.6	.020
1973	2.7	3.9	1.3	1.6	1.3	0.3	0.9	1.8	6.4	1.1	3.8	81.8	.111
1974	19.0	21.2	12.5	15.2	13.5	10.0	5.9	15.7	25.0	12.4	32.3	84.3	.832
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	4.911
1976	377.7	308.7	317.6	284.3	264.1	226.5	195.6	283.1	294.6	281.7	277.8	162.2	13.054
1977	1076.1	570.0	567.7	498.2	368.7	383.1	303.6	492.5	519.4	474.4	607.7	245.0	21.529
1978	1668.7	833.3	913.8	769.0	670.2	535.9	480.4	753.3	751.3	702.9	972.4	301.6	31.656
1979	2566.8	1223.3	1191.8	1009.1	1150.2	1183.9	609.2	944.9	1090.0	967.7	1332.4	393.5	37.246
1980	3964.8	1647.9	1428.9	1187.0	1514.6	1346.4	712.2	1116.2	1462.9	1243.6	1558.1	550.3	39.000
1981	4825.8	1964.1	1589.9	1265.5	1735.5	1478.0	842.4	1238.4	1632.6	1394.4	1816.0	657.9	39.000
1982	5082.1	1830.2	2252.4	1689.4	2176.3	1594.8	1069.4	1657.0	1867.8	1766.6	2092.2	687.5	50.909
1983	6130.3	1821.9	3505.1	2570.3	2656.4	2527.8	1207.5	2496.3	2170.0	2660.7	2699.5	854.9	78.842
1984	7535.1	1881.3	4408.5	3338.8	3351.7	2972.8	1192.1	2985.8	2524.9	3584.6	3186.6	1010.4	98.370
1985	9819.4	1942.6	6089.2	4734.5	4154.4	4056.9	2252.1	4279.5	3425.9	5131.1	4109.0	1282.4	135.000
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	226.7	89.6	73.2	80.6	68.7	42.9	54.4	100.6	78.9	69.1	112.9	33426.3	409.250000
1971	357.6	133.0	75.3	83.8	58.9	47.8	55.2	100.6	87.1	69.5	116.2	33427.1	409.250000
1972	214.6	259.0	68.7	78.5	57.9	35.6	47.3	92.5	134.0	61.1	126.2	20061.1	245.550000
1973	123.7	172.8	61.3	72.2	61.8	17.1	40.8	83.6	284.9	52.2	169.2	3619.3	44.243243
1974	112.1	125.2	73.9	89.9	79.7	59.4	35.1	92.7	148.0	73.6	191.1	497.6	5.902644
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	142.1	116.1	119.5	106.9	99.3	85.2	73.6	106.5	110.8	106.0	104.5	61.0	.376206
1977	245.4	130.0	129.5	113.6	84.1	87.4	69.2	112.3	118.4	108.2	138.6	55.9	.228110
1978	258.8	129.2	141.7	119.3	103.9	83.1	74.5	116.8	116.5	109.0	150.8	46.7	.155136
1979	338.4	161.3	157.1	133.0	151.6	156.1	80.3	124.5	143.7	127.6	175.6	51.8	.131853
1980	499.2	207.5	179.9	149.4	190.7	169.5	89.6	140.5	184.2	156.6	196.2	69.2	.125923
1981	607.6	247.3	200.2	159.3	218.5	186.1	106.0	155.9	205.5	175.5	228.6	82.8	.125923
1982	490.2	176.5	217.2	162.9	209.9	153.8	103.1	159.8	180.1	170.4	201.8	66.3	.096466
1983	381.8	113.4	218.3	160.1	165.4	157.4	75.2	155.4	135.1	165.7	165.6	53.2	.062289
1984	376.1	93.9	220.0	166.6	167.3	148.4	59.5	149.0	126.0	178.9	159.0	50.4	.049923
1985	357.2	70.6	221.5	172.2	151.1	147.5	81.9	155.6	124.6	186.6	149.4	46.6	.036377

Table 16.—Mining cost indexes for Colombia

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	45.0	36.8	37.4	31.7	45.0	70.4	20.6	46.0	42.2	26.1	58.7	62.1	18.443
1971	55.7	49.6	41.6	32.0	49.5	54.8	22.9	48.5	46.2	28.0	63.6	67.5	19.932
1972	60.2	54.3	49.6	35.6	52.5	53.0	26.7	55.2	51.8	31.0	66.0	76.3	21.866
1973	69.4	63.5	58.1	47.4	68.5	53.5	34.1	60.8	62.3	37.4	71.7	85.7	23.637
1974	80.9	79.4	77.5	83.9	91.5	55.0	68.4	79.1	84.7	70.0	93.2	88.6	26.064
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	30.929
1976	124.0	127.9	120.0	109.4	121.0	129.9	119.9	115.0	123.5	111.8	126.5	119.5	34.694
1977	155.2	178.3	138.7	119.6	157.9	157.8	119.2	133.0	156.9	119.1	163.0	160.8	36.780
1978	204.1	279.4	163.1	162.6	220.0	182.2	137.5	155.0	214.8	134.9	187.1	218.8	39.100
1979	274.8	403.3	187.8	212.1	251.5	380.1	150.3	195.7	277.8	164.6	242.3	290.4	42.566
1980	342.1	584.5	242.1	275.0	324.1	494.9	207.7	269.6	356.2	218.1	310.2	417.9	47.287
1981	449.6	764.5	322.6	312.1	389.2	612.9	294.9	353.4	427.4	257.0	372.7	592.9	54.498
1982	634.7	961.4	382.2	340.4	459.2	747.1	309.1	383.7	530.0	318.3	467.4	848.9	64.111
1983	768.4	1174.2	470.0	430.4	491.9	888.5	313.1	456.0	619.4	368.3	557.5	1127.3	78.868
1984	931.8	1434.0	615.5	571.0	530.5	1027.8	413.0	555.0	784.8	442.4	644.8	1331.2	100.827
1985	1216.5	1886.9	734.4	735.3	676.9	1315.3	644.7	703.1	980.1	551.4	828.0	1766.8	156.602

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	75.5	61.7	62.7	53.2	75.5	118.0	34.6	77.2	70.8	43.8	98.5	104.2	1.677004
1971	86.5	77.0	64.5	49.7	76.9	85.1	35.6	75.3	71.6	43.4	98.8	104.8	1.551725
1972	85.1	76.8	70.2	50.4	74.3	74.9	37.7	78.1	73.3	43.9	93.4	108.0	1.414479
1973	90.9	83.2	76.0	62.1	89.7	70.1	44.7	79.6	81.5	48.9	93.9	112.1	1.308499
1974	96.0	94.3	91.9	99.5	108.6	65.2	81.1	93.9	100.5	83.1	110.6	105.1	1.186655
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	110.5	114.0	107.0	97.5	107.9	115.8	106.9	102.6	110.1	99.7	112.7	106.5	.891479
1977	130.5	149.9	116.6	100.6	132.8	132.7	100.3	111.8	132.0	100.1	137.1	135.2	.840918
1978	161.5	221.0	129.0	128.6	174.1	144.1	108.8	122.6	169.9	106.7	148.0	173.1	.791023
1979	199.7	293.1	136.5	154.1	182.8	276.3	109.2	142.2	201.9	119.6	176.1	211.0	.726783
1980	223.7	382.3	162.9	179.8	211.9	323.7	135.8	176.3	233.0	142.7	202.9	273.3	.654069
1981	255.1	433.8	183.1	177.1	220.9	347.8	167.4	200.5	242.6	145.8	211.5	336.5	.567525
1982	306.2	463.8	184.4	164.2	221.5	360.4	149.1	185.1	255.7	153.5	225.5	409.5	.482428
1983	301.3	460.4	184.3	168.7	192.9	348.4	122.8	178.8	242.9	144.4	218.6	442.1	.392161
1984	285.8	439.8	188.8	175.1	162.7	315.3	126.7	170.2	240.7	135.7	197.8	408.3	.306753
1985	240.2	372.6	145.0	145.2	133.6	299.7	127.3	138.8	193.5	108.9	163.5	348.9	.197500

Table 17.—Mining cost indexes for Congo

Local currency index												
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
Exchange rate												
1970	53.4	53.4	62.6	59.7	59.8	62.2	66.9	60.4	65.8	61.5	44.5	85.4
1971	54.9	54.9	66.0	62.8	64.6	59.5	70.4	67.3	69.0	63.5	45.6	99.0
1972	57.1	57.1	69.1	64.3	66.0	64.9	72.7	72.8	69.6	65.7	48.2	99.0
1973	63.5	63.5	72.3	72.4	82.1	62.2	73.1	76.4	87.0	70.2	58.7	99.0
1974	69.5	69.5	86.2	96.9	118.0	81.1	89.4	91.7	93.5	92.4	69.1	98.6
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	100.0	100.0	113.0	106.2	102.3	110.8	110.2	129.0	109.0	104.6	103.3	100.0
1977	108.0	108.0	121.3	112.0	111.8	121.6	116.6	120.6	117.9	109.7	106.6	115.8
1978	108.0	108.0	135.6	122.2	132.4	132.4	124.4	131.4	126.9	114.3	110.0	131.5
1979	121.3	121.3	153.0	136.1	148.9	194.6	140.0	154.1	135.8	131.9	110.0	131.5
1980	125.9	125.9	173.1	144.4	174.3	237.0	160.0	180.9	146.2	157.2	110.0	131.5
1981	135.2	135.2	196.8	146.8	171.2	346.1	179.0	204.7	169.3	179.5	110.0	137.6
1982	150.5	150.5	222.5	182.3	0.0	400.7	193.9	227.7	183.3	202.2	125.6	144.0
1983	169.5	169.5	241.4	199.4	0.0	418.1	209.9	248.1	191.4	220.9	128.6	150.7
1978	108.0	108.0	135.6	122.2	132.4	132.4	124.4	131.4	126.9	114.3	110.0	131.5
1979	121.3	121.3	153.0	136.1	148.9	194.6	140.0	154.1	135.8	131.9	110.0	131.5
1980	125.9	125.9	173.1	144.4	174.3	237.0	160.0	180.9	146.2	157.2	110.0	131.5
1981	135.2	135.2	196.8	146.8	171.2	346.1	179.0	204.7	169.3	179.5	110.0	137.6
1982	150.5	150.5	222.5	182.3	0.0	400.7	193.9	227.7	183.3	202.2	125.6	144.0
1983	169.5	169.5	241.4	199.4	0.0	418.1	209.9	248.1	191.4	220.9	128.6	150.7
1978	102.6	102.6	128.8	116.0	125.8	125.8	118.1	124.8	120.5	108.6	104.4	124.9
1979	122.2	122.2	154.1	137.1	150.1	196.1	141.1	155.3	136.9	132.9	110.8	132.5
1980	127.7	127.7	175.6	146.4	176.8	240.4	162.3	183.5	148.2	159.5	111.5	133.4
1981	106.7	106.7	155.2	115.8	135.0	272.9	141.2	161.4	133.5	141.6	86.7	108.5
1982	98.1	98.1	145.1	118.9	0.0	261.3	126.4	148.5	119.5	131.8	81.9	93.9
1983	95.5	95.5	135.9	112.3	0.0	235.4	118.2	139.7	107.8	124.4	72.4	84.8

Table 18.—Mining cost indexes for Costa Rica

Local currency index												
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
Exchange rate												
1970	44.4	56.1	40.7	46.6	44.5	21.0	47.1	62.0	47.9	45.6	60.7	43.3
1971	49.4	59.6	42.5	49.0	43.2	21.4	50.0	62.1	50.4	47.0	62.7	41.5
1972	50.9	63.7	43.7	51.4	43.2	22.6	51.0	62.2	51.6	49.2	64.5	41.3
1973	66.3	69.8	45.8	54.3	46.0	56.5	53.1	63.1	62.6	55.9	66.9	43.9
1974	80.8	82.0	68.2	83.0	78.8	83.7	77.8	85.5	88.6	34.8	79.5	74.6
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	106.2	114.2	119.5	106.9	130.1	100.8	106.9	106.5	104.0	102.2	114.4	116.8
1977	112.4	132.1	129.5	113.6	156.4	106.2	115.1	112.4	109.5	106.6	116.8	127.8
1978	130.3	154.0	141.8	119.3	162.8	111.8	124.6	116.9	119.1	112.2	122.3	136.8
1979	150.9	176.8	157.1	133.0	224.4	192.4	137.3	124.6	142.2	129.3	123.1	143.0
1980	173.8	209.6	179.9	149.5	300.0	260.5	154.6	140.6	166.6	169.6	146.2	155.7
1981	237.6	279.4	508.4	404.7	726.6	711.3	454.2	396.0	308.5	303.7	199.8	225.7
1982	419.2	437.1	952.8	714.6	1135.9	1212.6	809.3	712.4	643.8	698.6	371.4	458.6
1983	544.7	571.3	1048.5	768.8	1342.6	1209.0	895.2	780.5	877.8	999.3	489.7	619.3
1978	130.3	154.0	141.8	119.3	162.8	111.8	124.6	116.9	119.1	112.2	122.3	136.8
1979	150.9	176.8	157.1	133.0	224.4	192.4	137.3	124.6	142.2	129.3	123.1	143.0
1980	173.8	209.6	179.9	149.5	300.0	260.5	154.6	140.6	166.6	169.6	146.2	155.7
1981	237.6	279.4	508.4	404.7	726.6	711.3	454.2	396.0	308.5	303.7	199.8	225.7
1982	419.2	437.1	952.8	714.6	1135.9	1212.6	809.3	712.4	643.8	698.6	371.4	458.6
1983	544.7	571.3	1048.5	768.8	1342.6	1209.0	895.2	780.5	877.8	999.3	489.7	619.3
1978	57.4	72.5	52.6	60.3	57.6	27.2	61.0	80.2	61.9	59.1	78.5	56.1
1979	63.9	77.1	55.0	63.4	55.8	27.7	64.7	80.3	65.3	60.9	81.1	53.6
1972	65.8	82.2	56.5	66.4	55.8	29.1	65.8	80.3	66.6	63.5	83.3	53.4
1973	85.5	90.0	59.1	70.0	59.3	72.8	68.5	81.4	80.8	72.0	86.3	56.6
1974	87.3	88.6	73.7	89.7	85.1	90.5	84.1	92.4	95.8	37.6	86.0	80.6
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	106.2	114.2	119.5	106.9	130.1	100.8	106.9	106.5	104.0	102.2	114.4	116.8
1977	112.4	132.1	129.5	113.6	156.4	106.2	115.1	112.4	109.5	106.6	116.8	127.8
1978	130.3	154.0	141.8	119.3	162.8	111.8	124.6	116.9	119.1	112.2	122.3	136.8
1979	150.9	176.8	157.1	133.0	224.4	192.4	137.3	124.6	142.2	129.3	123.1	143.0
1980	173.8	209.6	179.9	149.5	300.0	260.5	154.6	140.6	166.6	169.6	146.2	155.7
1981	93.5	110.0	200.2	159.3	286.1	280.1	178.8	155.9	121.4	119.6	78.7	88.8
1982	95.6	99.6	217.2	162.9	259.0	276.5	184.5	162.4	146.8	159.3	84.7	104.5
1983	113.4	118.9	218.3	160.1	279.5	251.7	186.4	162.5	182.7	199.7	101.9	128.9

Table 19.—Mining cost indexes for Cyprus

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	57.4	58.2	67.5	58.6	57.7	30.9	64.3	67.3	67.6	55.5	64.5	64.1	.417
1971	62.6	66.2	69.7	59.3	60.8	31.9	71.1	75.4	67.4	55.0	68.3	64.1	.411
1972	68.6	75.8	73.0	60.2	56.4	33.5	74.5	75.1	65.2	56.9	73.0	64.1	.384
1973	82.9	92.7	77.5	73.7	69.3	37.8	70.4	69.6	77.6	60.7	88.8	64.1	.350
1974	96.7	108.3	89.4	95.8	128.9	70.2	82.1	86.3	104.1	81.3	89.3	76.9	.365
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.368
1976	107.4	100.9	104.6	108.1	154.0	117.6	108.6	104.0	112.8	96.1	110.9	104.7	.410
1977	125.6	124.1	123.5	122.5	149.0	121.8	120.6	120.8	129.6	100.5	116.7	113.6	.408
1978	147.1	160.2	137.6	129.2	130.2	147.3	136.4	130.4	132.6	107.1	134.1	117.7	.373
1979	181.8	194.4	152.0	146.2	150.5	172.9	161.4	153.1	156.4	112.2	150.8	139.3	.354
1980	235.5	246.3	152.6	162.7	198.6	212.8	200.6	192.2	176.3	130.7	171.0	188.8	.353
1981	285.1	273.2	177.3	189.1	185.7	252.9	234.0	205.7	193.2	147.9	187.1	249.2	.420
1982	297.4	311.4	188.8	198.2	175.1	267.5	303.7	218.9	211.5	157.5	204.1	262.1	.475
1983	321.6	338.7	197.6	208.3	167.2	267.8	322.3	224.8	216.0	164.9	216.0	286.7	.526
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	50.7	51.3	59.5	51.7	50.9	27.2	56.7	59.4	59.7	49.0	56.9	56.6	0.882494
1971	56.0	59.3	62.4	53.1	54.4	28.6	63.7	67.5	60.3	49.2	61.2	57.4	.895377
1972	65.8	72.7	70.0	57.7	54.0	32.1	71.4	72.0	62.4	54.5	70.0	61.4	.958333
1973	87.1	97.5	81.5	77.5	72.9	39.7	74.0	73.2	81.5	63.8	93.3	67.4	1.051428
1974	97.5	109.2	90.1	96.6	129.9	70.8	82.7	87.0	105.0	82.0	90.0	77.6	1.008219
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	96.4	90.6	93.8	97.0	138.3	105.5	97.5	93.4	101.3	86.3	99.6	94.0	.897560
1977	113.3	111.9	111.4	110.4	134.4	109.9	108.8	108.9	116.9	90.7	105.3	102.4	.901960
1978	145.1	158.0	135.7	127.5	128.5	145.4	134.5	128.6	130.8	105.7	132.3	116.1	.986595
1979	189.0	202.1	158.0	152.0	156.4	179.7	167.8	159.2	162.5	116.6	156.7	144.8	1.039548
1980	245.5	256.8	159.0	169.6	207.0	221.8	209.1	200.4	183.8	136.3	178.3	196.9	1.042492
1981	249.8	239.4	155.4	165.7	162.7	221.6	205.0	180.2	169.3	129.6	164.0	218.3	.876190
1982	230.4	241.2	146.3	153.6	135.6	207.3	235.3	169.6	163.9	122.0	158.1	203.1	.774736
1983	225.0	237.0	138.3	145.7	117.0	187.3	225.5	157.3	151.1	115.3	151.1	200.6	.696191

Table 20.—Mining cost indexes for Dominican Republic

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	54.3	54.3	52.6	54.6	56.5	27.2	61.0	66.1	39.3	48.8	81.0	37.2	1.000
1971	57.2	57.2	55.0	55.9	62.3	27.7	64.4	66.8	40.6	49.3	77.9	36.9	1.000
1972	55.9	55.9	56.5	63.4	75.4	29.1	65.8	70.2	46.2	48.9	84.2	41.1	1.000
1973	85.0	85.0	59.1	80.2	104.3	72.8	68.5	76.1	61.5	50.0	89.5	40.9	1.000
1974	94.1	94.1	73.7	114.5	104.3	90.5	83.9	96.0	90.1	73.3	94.1	84.8	1.000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000
1976	114.0	114.0	119.5	97.2	113.0	100.8	106.9	99.7	97.5	106.0	105.4	88.3	1.000
1977	133.6	133.6	129.5	101.0	118.8	106.2	115.1	106.0	103.8	108.2	112.8	95.9	1.000
1978	148.2	148.2	141.8	122.9	134.8	111.8	124.6	113.4	122.0	109.0	124.3	97.6	1.000
1979	163.4	163.4	157.1	138.2	165.2	192.4	137.3	121.1	158.0	127.6	131.4	111.6	1.000
1980	187.8	187.8	179.9	148.1	153.6	260.5	154.6	138.2	176.7	156.6	131.0	138.5	1.000
1981	207.2	207.2	200.2	149.8	142.0	280.1	178.8	154.1	175.8	175.6	134.9	140.7	1.000
1982	224.6	224.6	217.3	144.1	141.0	257.7	184.6	148.5	167.3	170.4	148.2	157.7	1.000
1983	236.6	236.6	218.3	127.2	142.0	241.2	186.4	152.3	144.0	165.7	153.1	166.3	1.000
1984	302.8	302.8	220.1	126.7	143.3	238.1	187.3	159.8	138.0	179.0	179.3	213.6	1.000
1985	369.0	369.0	221.5	139.7	144.7	236.0	194.9	170.6	164.1	186.7	205.5	260.9	1.000

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	54.3	54.3	52.6	54.6	56.5	27.2	61.0	66.1	39.3	48.8	81.0	37.2	1.000000
1971	57.2	57.2	55.0	55.9	62.3	27.7	64.4	66.8	40.6	49.3	77.9	36.9	1.000000
1972	55.9	55.9	56.5	63.4	75.4	29.1	65.8	70.2	46.2	48.9	84.2	41.1	1.000000
1973	85.0	85.0	59.1	80.2	104.3	72.8	68.5	76.1	61.5	50.0	89.5	40.9	1.000000
1974	94.1	94.1	73.7	114.5	104.3	90.5	83.9	96.0	90.1	73.3	94.1	84.8	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	114.0	114.0	119.5	97.2	113.0	100.8	106.9	99.7	97.5	106.0	105.4	88.3	1.000000
1977	133.6	133.6	129.5	101.0	118.8	106.2	115.1	106.0	103.8	108.2	112.8	95.9	1.000000
1978	148.2	148.2	141.8	122.9	134.8	111.8	124.6	113.4	122.0	109.0	124.3	97.6	1.000000
1979	163.4	163.4	157.1	138.2	165.2	192.4	137.3	121.1	158.0	127.6	131.4	111.6	1.000000
1980	187.8	187.8	179.9	148.1	153.6	260.5	154.6	138.2	176.7	156.6	131.0	138.5	1.000000
1981	207.2	207.2	200.2	149.8	142.0	280.1	178.8	154.1	175.8	175.6	134.9	140.7	1.000000
1982	224.6	224.6	217.3	144.1	141.0	257.7	184.6	148.5	167.3	170.4	148.2	157.7	1.000000
1983	236.6	236.6	218.3	127.2	142.0	241.2	186.4	152.3	144.0	165.7	153.1	166.3	1.000000
1984	302.8	302.8	220.1	126.7	143.3	238.1	187.3	159.8	138.0	179.0	179.3	213.6	1.000000
1985	369.0	369.0	221.5	139.7	144.7	236.0	194.9	170.6	164.1	186.7	205.5	260.9	1.000000

Table 21.—Mining cost indexes for Egypt

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Rits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	61.2	61.5	58.4	62.3	46.4	81.5	93.5	60.6	63.1	89.1	97.5	106.6	0.435
1971	69.9	63.5	61.1	62.4	46.4	82.2	93.5	61.7	64.6	89.1	97.5	104.7	.435
1972	74.1	63.4	62.8	62.5	46.4	84.0	93.5	68.1	66.6	89.0	98.0	99.5	.435
1973	72.3	74.2	60.0	70.7	98.8	87.8	95.1	71.2	73.3	92.5	99.0	94.5	.397
1974	85.7	77.7	73.7	93.1	100.0	93.0	95.1	99.6	84.7	94.6	100.2	96.5	.391
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.391
1976	118.7	102.9	119.5	107.1	158.7	106.1	100.0	93.4	105.2	104.4	118.2	105.7	.391
1977	136.6	126.5	129.5	120.0	164.1	107.3	100.0	99.9	118.4	104.4	117.9	106.0	.391
1978	138.3	128.0	141.8	133.4	158.5	114.9	100.0	110.0	145.9	107.5	118.1	107.7	.391
1979	139.7	129.4	281.1	140.9	161.9	129.2	107.8	210.5	217.7	129.4	151.0	109.2	.700
1980	151.4	140.1	321.9	164.9	213.5	157.3	113.3	243.1	233.8	148.2	157.8	127.0	.700
1981	185.7	171.6	358.1	187.1	212.3	163.6	121.2	272.3	264.8	178.8	162.5	131.7	.700
1982	224.4	191.4	388.7	198.8	214.2	179.6	121.2	243.0	315.2	181.3	210.6	137.5	.700
1983	243.6	207.6	390.6	228.3	214.2	182.7	142.0	255.4	320.4	185.7	253.2	138.9	.700
1984	290.2	251.6	392.9	275.3	302.8	228.1	173.1	272.7	436.0	225.6	267.1	160.0	.700
1985	335.7	289.5	395.8	311.1	302.8	254.7	196.9	298.5	504.4	251.8	304.5	172.4	.700
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Rits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	55.0	55.3	52.5	56.0	41.7	73.3	84.1	54.5	56.7	80.1	87.6	95.8	0.898850
1971	62.8	57.0	54.9	56.1	41.7	73.9	84.1	55.4	58.1	80.1	87.6	94.1	.898850
1972	66.6	57.0	56.4	56.2	41.7	75.5	84.0	61.2	59.9	80.0	88.1	89.4	.898850
1973	71.2	73.0	59.1	69.6	97.3	86.5	93.6	70.1	72.2	91.1	97.5	93.0	.984886
1974	85.7	77.7	73.7	93.1	100.0	93.0	95.1	99.6	84.7	94.6	100.2	96.5	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	118.7	102.9	119.5	107.1	158.7	106.1	100.0	93.4	105.2	104.4	118.2	105.7	1.000000
1977	136.6	126.5	129.5	120.0	164.1	107.3	100.0	99.9	118.4	104.4	117.9	106.0	1.000000
1978	138.3	128.0	141.8	133.4	158.5	114.9	100.0	110.0	145.9	107.5	118.1	107.7	1.000000
1979	78.0	72.2	157.0	78.7	90.4	72.1	60.2	117.6	121.6	72.2	84.3	61.0	.558571
1980	84.6	78.2	179.8	92.1	119.2	87.8	63.3	135.7	130.6	82.8	88.1	70.9	.558571
1981	103.7	95.8	200.0	104.5	118.5	91.4	67.7	152.1	147.9	99.8	90.7	73.5	.558571
1982	125.3	106.9	217.1	111.0	119.6	100.3	67.7	135.7	176.0	101.3	117.6	76.8	.558571
1983	136.1	116.0	218.1	127.5	119.6	102.0	79.3	142.6	178.9	103.7	141.4	77.6	.558571
1984	162.1	140.5	219.4	153.7	169.1	127.4	96.7	152.3	243.5	126.0	149.2	89.4	.558571
1985	187.5	161.7	221.0	173.7	169.1	142.2	109.9	166.7	281.7	140.6	170.1	96.3	.558571

Table 22.—Mining cost indexes for Ethiopia

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Rits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	84.0	84.0	63.5	65.3	77.5	63.9	62.9	65.9	64.0	61.8	97.0	92.8	2.500
1971	84.5	84.5	66.0	67.5	80.6	76.7	63.7	66.6	65.7	64.4	97.0	93.4	2.483
1972	79.3	79.3	62.8	70.7	68.0	76.5	67.3	68.1	65.3	65.1	96.6	98.6	2.300
1973	86.4	86.4	59.9	82.0	92.3	76.9	75.2	72.2	68.8	73.0	96.7	98.1	2.099
1974	93.9	93.9	73.7	111.6	92.5	99.9	90.3	99.6	84.9	93.3	98.8	100.2	2.070
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	2.070
1976	130.2	130.2	119.5	97.6	98.5	99.6	101.6	93.4	90.8	98.9	99.6	101.8	2.070
1977	149.8	149.8	129.5	101.4	103.0	101.8	111.0	99.9	101.7	106.3	102.2	103.2	2.070
1978	171.3	171.3	141.8	122.0	119.4	102.4	129.2	110.0	114.3	120.8	106.4	107.1	2.070
1979	198.8	198.8	157.1	137.3	152.2	115.8	143.9	117.7	134.8	143.3	107.9	121.4	2.070
1980	207.7	207.7	179.9	146.4	180.6	115.8	154.6	135.9	171.1	155.9	109.5	121.8	2.070
1981	220.5	220.5	200.2	143.8	177.6	163.1	146.2	152.5	156.0	136.3	115.1	131.5	2.070
1982	232.8	232.8	217.3	139.7	153.0	183.0	144.8	148.7	135.8	132.8	119.9	122.1	2.070
1983	232.4	232.4	218.3	124.3	136.1	183.0	115.4	149.0	124.3	126.5	120.8	114.5	2.070
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Rits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	69.6	69.6	52.6	54.0	64.2	52.9	52.1	54.5	53.0	51.1	80.3	76.8	0.828000
1971	70.4	70.4	55.0	56.3	67.2	64.0	53.1	55.5	54.7	53.7	80.8	77.8	.833668
1972	71.4	71.4	56.5	63.6	61.2	68.8	60.6	61.3	58.8	58.6	87.0	88.7	.900000
1973	85.2	85.2	59.1	80.8	91.0	75.9	74.2	71.2	67.8	72.0	95.4	96.8	.986183
1974	93.9	93.9	73.7	111.6	92.5	99.9	90.3	99.6	84.9	93.3	98.8	100.2	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	130.2	130.2	119.5	97.6	98.5	99.6	101.6	93.4	90.8	98.9	99.6	101.8	1.000000
1977	149.8	149.8	129.5	101.4	103.0	101.8	111.0	99.9	101.7	106.3	102.2	103.2	1.000000
1978	171.3	171.3	141.8	122.0	119.4	102.4	129.2	110.0	114.3	120.8	106.4	107.1	1.000000
1979	198.8	198.8	157.1	137.3	152.2	115.8	143.9	117.7	134.8	143.3	107.9	121.4	1.000000
1980	207.7	207.7	179.9	146.4	180.6	115.8	154.6	135.9	171.1	155.9	109.5	121.8	1.000000
1981	220.5	220.5	200.2	143.8	177.6	163.1	146.2	152.5	156.0	136.3	115.1	131.5	1.000000
1982	232.8	232.8	217.3	139.7	153.0	183.0	144.8	148.7	135.8	132.8	119.9	122.1	1.000000
1983	232.4	232.4	218.3	124.3	136.1	183.0	115.4	149.0	124.3	126.5	120.8	114.5	1.000000

Table 23.—Mining cost indexes for Fiji

Year	Local currency index												Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	51.0	42.5	58.6	42.7	61.3	62.6	29.7	57.7	53.5	60.6	56.9	65.7	0.871
1971	53.5	45.2	60.5	46.1	64.0	65.5	25.4	57.9	56.0	59.8	58.5	71.7	.899
1972	59.3	50.4	61.7	49.0	64.5	70.3	24.8	61.4	58.8	58.5	61.0	80.0	.825
1973	76.7	64.5	64.9	56.5	69.3	85.6	34.7	68.7	64.4	67.5	65.4	96.2	.794
1974	98.1	79.4	79.0	79.4	90.7	92.7	61.5	97.2	85.3	87.8	80.6	87.4	.804
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.823
1976	140.9	112.4	121.9	107.1	126.7	117.0	61.0	102.1	115.6	108.7	116.0	110.8	.900
1977	135.9	120.9	137.5	109.8	143.4	110.8	60.7	111.3	123.8	107.2	122.7	118.2	.917
1978	139.9	128.9	144.8	117.4	144.3	145.8	69.6	113.1	129.9	108.5	130.2	127.9	.847
1979	141.9	133.1	155.7	122.2	151.5	169.6	84.1	119.5	137.9	120.7	145.7	139.3	.836
1980	162.8	146.9	161.6	133.9	189.4	220.7	109.2	134.9	152.3	139.3	175.7	196.6	.817
1981	194.6	163.8	181.2	143.6	179.2	267.2	120.1	158.1	165.3	155.0	193.2	233.7	.853
1982	209.8	173.9	202.4	147.4	171.9	326.3	100.5	168.3	168.4	159.5	205.3	244.8	.932
1983	225.3	184.2	221.6	154.4	179.2	315.5	94.1	184.0	180.6	161.1	219.8	269.9	1.016
Year	U.S. currency index												Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	48.2	40.2	55.4	40.3	57.9	59.2	28.0	54.5	50.5	57.3	53.8	62.1	0.94890
1971	51.2	43.3	58.0	44.2	61.3	62.8	24.3	55.5	53.6	57.3	56.1	68.7	.958090
1972	59.2	50.3	61.5	48.9	64.3	70.2	24.7	61.3	58.6	58.4	60.9	79.8	.997575
1973	79.5	66.9	67.3	58.6	71.8	88.7	36.0	71.2	66.7	69.9	67.8	99.7	1.036523
1974	100.4	81.3	80.8	81.3	92.9	94.9	62.9	99.5	87.3	89.9	82.5	89.5	1.023631
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	128.8	102.8	111.5	97.9	115.9	107.0	55.7	93.4	105.7	99.4	106.1	101.3	.914444
1977	121.9	108.5	123.4	98.6	128.7	99.4	54.5	99.9	111.1	96.2	110.2	106.1	.897491
1978	136.0	125.2	140.7	114.1	140.2	141.7	67.7	109.9	126.2	105.4	126.5	124.3	.971664
1979	139.7	131.1	153.3	120.3	149.1	167.0	82.8	117.6	135.8	118.8	143.4	137.1	.984449
1980	164.0	148.0	162.8	134.9	190.8	222.3	110.0	135.9	153.4	140.3	177.0	198.1	1.007343
1981	187.8	158.1	174.8	138.5	172.9	257.8	115.9	152.5	159.5	149.6	186.4	225.5	.964830
1982	185.2	153.6	178.7	130.2	151.8	288.1	88.8	148.6	148.7	140.8	181.3	216.2	.883047
1983	182.5	149.2	179.5	125.0	145.2	255.6	76.2	149.0	146.3	130.5	178.1	218.6	.810039

Table 24.—Mining cost indexes for Finland

Year	Local currency index												Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	43.4	43.0	51.3	74.3	44.2	53.0	32.9	60.5	51.1	50.0	56.7	48.9	4.200
1971	51.1	49.9	57.5	76.5	48.5	59.5	40.9	63.4	54.0	52.9	65.7	50.6	4.184
1972	58.6	57.5	63.5	77.1	50.0	60.4	45.3	72.4	57.0	57.8	66.2	55.6	4.146
1973	67.5	67.8	70.9	81.2	69.1	63.5	51.7	73.6	70.4	61.9	71.4	60.0	3.821
1974	81.3	85.2	84.9	90.3	94.8	91.2	68.9	83.9	91.3	82.3	80.6	81.5	3.774
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	3.679
1976	116.5	108.6	111.0	98.7	106.5	110.5	93.6	113.5	108.0	112.1	121.9	114.1	3.864
1977	130.6	114.7	126.7	98.7	114.1	125.9	83.9	124.4	123.8	126.9	135.2	127.9	4.029
1978	143.3	121.3	139.6	104.7	112.1	133.8	88.1	136.2	130.9	139.8	140.2	135.3	4.117
1979	160.7	132.4	152.3	117.9	120.8	164.5	94.1	149.0	143.6	154.4	139.9	142.0	3.895
1980	184.2	145.8	164.3	129.7	146.2	254.4	135.6	166.9	165.0	175.7	151.2	182.0	3.730
1981	208.4	166.7	178.2	131.3	166.3	327.8	159.9	187.1	181.5	195.6	170.3	233.1	4.315
1982	230.4	180.1	191.0	146.3	175.1	336.6	178.0	206.9	194.4	210.7	185.4	248.9	4.820
1983	263.3	198.2	205.2	145.4	178.2	357.1	193.3	221.3	213.3	222.3	202.4	234.8	5.570
1984	280.9	218.1	215.9	154.9	182.2	354.5	217.5	233.6	226.5	235.5	231.1	224.4	5.928
1985	307.3	231.1	230.1	162.1	193.9	354.5	237.8	250.7	241.9	252.1	231.7	224.4	5.928
Year	U.S. currency index												Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	38.0	37.7	44.9	65.0	38.8	46.4	28.8	53.0	44.8	43.8	49.7	42.8	0.875952
1971	44.9	43.9	50.6	67.2	42.6	52.3	35.9	55.7	47.5	46.5	57.8	44.5	.879302
1972	52.0	51.0	56.3	68.4	44.4	53.6	40.2	64.2	50.6	51.3	58.7	49.3	.887361
1973	65.0	65.3	68.3	78.2	66.6	61.1	49.8	70.9	67.8	59.6	68.7	57.8	.962836
1974	79.3	83.0	82.8	88.1	92.4	88.9	67.2	81.8	89.0	80.2	78.6	79.4	.974827
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	110.9	103.4	105.7	94.0	101.4	105.2	89.2	108.0	102.8	106.8	116.1	108.6	.952122
1977	119.3	104.8	115.7	90.1	104.2	115.0	76.6	113.6	113.0	115.9	123.5	116.8	.913129
1978	128.0	108.4	124.7	93.6	100.2	119.6	78.7	121.7	117.0	124.9	125.3	120.9	.893611
1979	151.8	125.0	143.8	111.4	114.1	155.4	88.9	140.7	135.7	145.8	132.2	134.1	.945544
1980	181.7	143.8	162.1	127.9	144.2	250.9	133.7	164.6	162.8	173.3	149.1	179.5	.986327
1981	177.7	142.1	151.9	111.9	141.8	279.5	136.4	159.5	154.8	166.8	145.2	198.7	.852607
1982	175.9	137.5	145.8	111.7	133.7	256.9	135.9	157.9	148.4	160.8	141.5	190.0	.763278
1983	173.9	130.9	135.5	96.0	117.7	235.8	127.7	146.1	140.9	146.8	133.6	155.1	.660502
1984	174.3	135.3	134.0	96.1	113.0	220.0	135.0	145.0	140.5	146.1	143.4	139.2	.620514
1985	190.7	143.4	142.8	100.6	120.3	220.0	147.5	155.6	150.1	156.5	143.8	139.2	.620514

Table 25.—Mining cost indexes for France

Year	Local currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	47.1	49.2	62.6	59.7	59.8	60.9	66.9	60.4	63.7	61.5	74.1	5.528
1971	51.7	54.5	66.0	62.8	64.6	65.4	70.4	67.3	68.2	63.5	78.3	5.512
1972	60.2	64.1	69.1	64.3	66.0	66.4	72.7	72.8	71.3	65.7	79.2	5.044
1973	67.3	73.8	72.3	72.4	82.1	69.0	73.1	76.4	73.2	70.2	83.0	4.454
1974	82.5	86.7	86.2	96.9	118.0	93.8	89.4	91.7	87.9	92.4	89.5	4.810
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	4.286
1976	123.1	118.3	113.0	106.2	102.3	109.6	110.2	129.0	111.5	104.6	110.3	4.780
1977	135.8	133.9	121.3	112.0	111.8	120.5	116.6	120.6	116.6	109.7	115.8	4.913
1978	151.1	149.2	135.6	122.2	132.4	132.9	124.4	131.4	127.4	114.3	132.4	4.513
1979	170.6	168.7	153.0	136.1	148.9	151.0	140.0	154.1	147.1	131.9	149.6	4.255
1980	195.0	196.6	173.1	144.4	174.3	197.5	160.0	180.9	174.6	157.2	167.5	4.226
1981	219.5	227.0	196.8	146.8	171.2	239.7	179.0	204.7	204.0	179.5	189.5	5.435
1982	252.2	263.0	222.5	182.3	175.1	273.1	193.9	227.7	226.1	202.2	210.3	6.572
1983	279.9	291.0	241.2	213.3	191.0	293.7	201.7	247.3	238.9	221.3	233.1	7.621
1984	299.7	313.6	260.0	217.7	215.3	316.3	200.6	264.4	247.4	243.1	266.9	8.462
1985	317.4	333.7	284.9	238.4	234.8	351.7	218.7	291.4	293.6	267.7	287.9	7.667
Year	U.S. currency index											Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	36.5	38.1	48.5	46.3	46.4	47.2	51.9	46.8	49.4	47.6	57.4	0.775325
1971	40.2	42.4	51.3	48.8	50.2	50.9	54.7	52.3	53.0	49.4	60.9	.777576
1972	51.1	54.4	58.7	54.6	56.1	56.4	61.8	61.9	60.6	55.8	67.3	.849722
1973	64.8	71.0	69.6	69.7	79.0	66.4	70.3	73.6	70.5	67.5	79.9	.962281
1974	73.5	77.2	76.8	86.4	105.2	83.5	79.6	81.7	78.3	82.3	79.7	.891060
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	110.4	106.1	101.3	95.2	91.7	98.2	98.8	115.7	99.9	93.8	98.9	.896652
1977	118.5	116.8	105.8	97.7	97.5	105.1	101.7	105.2	101.7	95.7	101.0	.872379
1978	143.5	141.7	128.7	116.0	125.8	126.2	118.1	124.8	121.0	108.6	125.7	.949700
1979	171.9	169.9	154.1	137.1	150.0	152.1	141.0	155.2	148.2	132.9	150.7	1.007285
1980	197.8	199.4	175.6	146.4	176.8	200.3	162.3	183.5	177.1	159.4	169.9	1.014197
1981	173.1	179.0	155.2	115.8	135.0	189.0	141.1	161.4	160.9	141.6	149.5	.788592
1982	164.5	171.5	145.1	118.9	114.2	178.1	126.4	148.5	147.5	131.8	137.1	.652160
1983	157.4	163.6	135.6	120.0	107.4	165.2	113.4	139.1	134.3	124.4	131.1	.562393
1984	151.8	158.8	131.7	110.3	109.0	160.2	101.6	133.9	125.3	123.1	135.1	.506499
1985	177.4	186.5	159.2	133.3	131.2	196.6	122.2	162.9	164.1	149.6	160.9	.559019

Table 26.—Mining cost indexes for French Guyana

Year	Local currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	48.5	48.5	65.2	59.7	69.2	40.0	66.9	60.4	63.7	61.5	52.6	5.528
1971	53.1	53.1	68.4	62.8	78.7	48.0	70.4	67.3	68.2	63.5	57.8	5.512
1972	58.0	58.0	67.8	64.3	95.8	60.0	72.7	72.8	71.3	65.7	62.0	5.044
1973	68.1	68.1	66.9	72.4	117.4	70.0	73.1	76.4	73.2	70.2	69.0	4.454
1974	83.8	83.8	84.4	96.9	141.0	88.7	89.4	91.7	87.9	92.4	86.5	4.810
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	4.286
1976	114.7	114.7	123.1	106.2	121.1	108.0	110.2	129.0	111.5	104.6	109.9	4.780
1977	129.2	129.2	134.9	112.0	128.6	110.0	116.6	120.6	116.6	109.7	113.9	4.913
1978	145.6	145.6	142.4	122.2	132.2	112.3	124.4	131.4	127.4	114.3	116.0	4.513
1979	165.8	165.8	154.5	136.1	152.0	134.4	140.0	154.1	147.1	131.9	136.2	4.255
1980	194.8	194.8	175.3	144.4	196.9	178.8	160.0	180.9	174.6	157.2	176.7	4.226
1981	227.7	227.7	225.3	146.8	240.6	231.1	179.0	204.7	204.0	179.5	224.4	5.435
1982	260.6	260.6	277.8	182.3	250.4	275.2	193.9	227.7	226.1	202.2	264.7	6.572
1983	289.6	289.6	314.8	199.4	217.7	301.9	209.9	248.1	238.9	220.9	289.1	7.621
Year	U.S. currency index											Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	37.6	37.6	50.6	46.3	53.6	31.0	51.9	46.8	49.4	47.6	40.8	0.775325
1971	41.3	41.3	53.2	48.8	61.2	37.3	54.7	52.3	53.0	49.4	44.9	.777576
1972	49.3	49.3	57.6	54.6	81.4	51.0	61.8	61.9	60.6	55.8	52.7	.849722
1973	65.5	65.5	64.3	69.7	112.9	67.4	70.3	73.6	70.5	67.5	66.4	.962281
1974	74.7	74.7	75.2	86.4	125.6	79.0	79.6	81.7	78.3	82.3	77.1	.891060
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	102.8	102.8	110.4	95.2	108.6	96.8	98.8	115.7	99.9	93.8	98.6	.896652
1977	112.7	112.7	117.7	97.7	112.2	96.0	101.7	105.2	101.7	95.7	99.4	.872379
1978	138.2	138.2	135.2	116.0	125.5	106.7	118.1	124.8	121.0	108.6	110.2	.949700
1979	167.0	167.0	155.6	137.1	153.1	135.4	141.0	155.2	148.2	132.9	137.2	1.007285
1980	197.5	197.5	177.7	146.4	199.7	181.3	162.3	183.5	177.1	159.4	179.2	1.014197
1981	179.5	179.5	177.7	115.8	189.7	182.2	141.1	161.4	160.9	141.6	177.0	.788592
1982	169.9	169.9	181.2	118.9	163.3	179.4	126.4	148.5	147.5	131.8	172.6	.652160
1983	162.8	162.8	177.0	112.1	122.4	169.8	118.0	139.5	134.3	124.2	162.5	.562393

Table 27.—Mining cost indexes for Gabon

Year	Local currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	73.2	58.8	62.6	59.7	44.0	69.4	66.9	60.4	63.7	61.5	69.2	277.710
1971	74.7	60.6	66.0	62.8	45.5	72.2	70.4	67.3	68.2	63.5	68.3	277.130
1972	76.2	62.4	69.1	64.3	48.8	72.2	72.7	72.8	71.3	65.7	67.7	252.210
1973	79.1	65.8	72.3	72.4	109.7	72.2	73.1	76.4	73.2	70.2	71.1	222.700
1974	84.8	72.6	86.2	96.9	106.8	100.0	89.4	91.7	87.9	92.4	80.9	240.500
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	214.320
1976	113.9	107.2	113.0	106.2	125.3	116.5	110.2	129.0	111.5	104.6	110.8	238.980
1977	125.3	120.7	121.3	112.0	143.8	128.7	116.6	120.6	116.6	109.7	117.2	245.670
1978	135.5	132.9	135.6	122.2	158.9	141.7	124.4	131.4	127.4	114.3	125.7	225.640
1979	143.7	142.7	153.0	136.1	165.8	166.8	140.0	154.1	147.1	131.9	131.4	212.720
1980	157.7	159.2	173.1	144.4	195.9	211.4	160.0	180.9	174.6	157.2	137.8	211.300
1981	168.7	172.3	196.8	146.8	213.1	278.0	179.0	204.7	204.0	179.5	147.1	271.730
1982	191.6	199.6	222.5	182.3	213.0	314.8	193.9	227.7	226.1	202.2	168.6	328.620
1983	204.1	214.4	241.4	199.4	211.1	326.5	209.9	248.1	238.9	220.9	173.8	380.510
Year	U.S. currency index											Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	56.5	45.3	48.3	46.1	34.0	53.6	51.6	46.6	49.1	47.4	53.4	0.771740
1971	57.8	46.8	51.0	48.6	35.1	55.8	54.4	52.0	52.7	49.1	52.8	.773355
1972	64.8	53.0	58.7	54.6	41.5	61.4	61.8	61.9	60.6	55.9	57.5	.849768
1973	76.2	63.4	69.6	69.7	105.5	69.5	70.3	73.6	70.5	67.5	68.5	.962370
1974	75.6	64.7	76.8	86.4	95.2	89.1	79.6	81.7	78.3	82.3	72.1	.891143
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	102.1	96.1	101.3	95.3	112.4	104.5	98.8	115.7	100.0	93.8	99.3	.896811
1977	109.3	105.3	105.8	97.7	125.4	112.3	101.7	105.2	101.7	95.7	102.3	.872389
1978	128.7	126.2	128.8	116.0	150.9	134.6	118.1	124.8	121.0	108.6	119.4	.949831
1979	144.8	143.7	154.1	137.1	167.1	168.1	141.1	155.3	148.2	132.9	132.4	1.007521
1980	159.9	161.5	175.6	146.4	198.7	214.4	162.3	183.5	177.1	159.5	139.7	1.014292
1981	133.0	135.9	155.2	115.8	168.1	219.3	141.2	161.4	160.9	141.6	116.0	.788724
1982	124.9	130.1	145.1	118.9	138.9	205.3	126.4	148.5	147.5	131.8	109.9	.662181
1983	114.9	120.7	135.9	112.3	118.9	183.9	118.2	139.7	134.5	124.4	97.9	.563244

Table 28.—Mining cost indexes for the Federal Republic of Germany

Year	Local currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	60.6	65.6	66.1	77.5	84.1	64.3	77.2	74.7	78.7	75.8	63.9	3.646
1971	67.2	73.1	72.9	81.0	86.5	67.1	75.2	79.6	85.0	76.0	71.8	3.482
1972	72.5	79.8	76.2	83.2	85.4	70.3	78.6	77.8	86.2	75.9	75.8	3.189
1973	79.9	88.3	81.3	90.0	95.8	81.6	80.6	81.9	91.3	78.2	80.3	2.673
1974	91.0	95.2	92.1	106.2	108.5	100.6	95.0	94.8	96.2	98.2	94.4	2.588
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	2.460
1976	106.7	105.7	106.2	101.0	107.9	107.1	104.0	100.7	103.2	101.2	102.0	2.518
1977	112.9	112.0	112.0	97.0	122.1	104.4	104.8	102.1	108.3	100.3	102.3	2.322
1978	118.3	119.4	115.5	97.1	124.4	105.6	105.5	98.2	141.3	98.6	104.2	2.009
1979	127.0	127.8	119.7	100.0	132.8	120.8	107.2	102.3	117.7	105.8	110.4	1.833
1980	138.9	138.0	126.2	103.9	150.9	141.4	114.2	113.7	128.2	115.2	119.4	1.818
1981	150.0	147.5	132.0	107.9	152.5	167.7	134.3	124.0	135.3	125.2	125.4	2.260
1982	156.6	153.1	143.6	120.8	147.4	166.3	142.8	129.8	135.7	131.0	133.1	2.427
1983	161.9	158.5	147.7	115.2	144.1	164.3	121.0	128.5	133.9	131.2	136.5	2.553
1984	167.3	162.3	149.5	116.6	143.3	168.7	126.2	128.6	133.2	137.3	142.6	2.803
1985	173.3	167.5	154.1	120.7	141.7	160.4	131.7	133.8	142.1	149.1	148.2	2.508
Year	U.S. currency index											Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	40.9	44.2	44.6	52.3	56.7	43.4	52.1	50.4	53.1	51.1	43.1	0.674712
1971	47.4	51.6	51.5	57.2	61.1	47.4	53.1	56.2	60.1	53.7	50.7	.705490
1972	55.9	61.6	58.8	64.2	65.9	54.2	60.6	60.0	63.0	58.5	58.5	.771401
1973	73.6	81.3	74.8	82.8	88.2	75.1	74.1	75.3	84.1	72.0	73.9	.920314
1974	86.5	90.5	87.6	100.9	103.2	95.7	90.3	90.1	94.3	93.3	89.7	.950540
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	104.2	103.3	103.7	98.7	105.4	104.6	101.6	98.4	100.8	98.9	99.7	.976965
1977	119.6	118.7	118.7	102.7	129.4	110.6	111.0	103.2	114.7	106.3	103.3	1.059431
1978	144.9	146.2	141.4	118.9	152.3	129.3	129.2	120.2	173.1	120.7	127.6	1.224489
1979	170.5	171.6	160.7	134.2	178.2	162.1	143.9	137.3	158.0	143.3	148.2	1.342062
1980	188.0	186.7	170.8	140.7	204.2	191.4	154.6	153.9	173.5	155.9	161.5	1.353135
1981	163.3	160.5	143.6	117.4	166.0	182.5	146.2	134.9	147.3	136.3	136.5	1.088495
1982	158.7	155.2	145.6	122.4	149.4	168.6	144.7	131.5	133.5	132.7	134.9	1.013597
1983	156.0	152.7	142.3	111.0	138.9	158.4	116.6	123.8	129.1	126.4	131.5	.963572
1984	146.8	142.5	131.2	102.3	125.7	148.0	110.8	112.9	121.3	120.5	124.3	.877631
1985	170.0	164.3	151.2	118.4	139.0	157.4	129.1	131.2	139.4	146.3	144.3	.980061

Table 29.—Mining cost indexes for Ghana

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	35.1	45.9	49.9	19.7	35.4	42.1	37.0	44.5	33.7	49.0	37.0	44.5	1.020
1971	34.8	45.5	48.6	20.6	37.6	46.3	37.6	46.8	34.3	53.4	37.6	46.8	1.029
1972	40.4	52.2	64.2	16.0	46.1	46.4	40.3	50.5	40.4	71.3	40.3	50.5	1.312
1973	44.0	56.3	72.6	31.3	66.2	53.4	39.1	51.4	57.3	72.0	39.1	51.4	1.160
1974	71.0	70.3	79.6	54.7	85.9	78.8	51.3	80.9	78.8	83.4	51.3	80.9	1.150
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.150
1976	112.7	110.7	130.5	98.5	138.5	100.0	143.0	113.5	118.3	110.2	143.0	113.5	1.150
1977	254.5	167.9	174.5	106.6	207.4	100.0	248.6	116.3	149.8	164.1	248.6	116.3	1.150
1978	262.6	228.9	208.0	142.1	370.2	119.6	286.4	154.2	253.3	209.6	286.4	154.2	1.515
1979	321.4	277.3	424.7	246.5	821.9	214.4	476.3	185.2	488.5	368.5	476.3	185.2	2.750
1980	525.9	411.6	403.3	163.5	1323.0	500.2	711.4	202.7	691.1	621.1	711.4	202.7	2.750
1981	740.7	630.6	435.7	543.9	3609.5	795.2	902.0	497.2	1656.6	944.6	902.0	497.2	2.750
1982	741.5	636.0	436.8	841.7	4122.8	805.8	895.1	604.0	1961.5	1131.2	895.1	604.0	2.750
1983	1030.7	863.2	530.3	2979.6	8778.5	1160.4	1191.1	633.8	4981.3	2289.4	1191.1	735.2	3.449
1984	2200.1	1837.7	4820.0	5117.4	14277.9	2184.7	4476.3	1168.6	8074.3	3112.0	4476.3	1355.5	35.336
1985	4689.7	3912.0	6469.6	7128.5	17220.8	3466.1	8605.2	4862.3	9778.8	4125.8	5993.7	2131.1	47.596
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	39.6	51.8	56.3	22.2	39.9	47.4	41.8	50.2	38.0	55.3	41.8	50.2	1.127450
1971	38.9	50.9	54.3	23.0	42.1	51.8	42.0	52.3	38.3	59.7	42.0	52.3	1.117589
1972	35.4	45.7	56.2	14.1	40.4	40.7	35.3	44.3	35.4	62.5	35.3	44.3	.876524
1973	43.6	55.8	72.0	31.0	65.7	52.9	38.8	50.9	56.8	71.4	38.8	50.9	.991379
1974	71.0	70.3	79.6	54.7	85.9	78.8	51.3	80.9	78.8	83.4	51.3	80.9	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	112.7	110.7	130.5	98.5	138.5	100.0	143.0	113.5	118.3	110.2	143.0	113.5	1.000000
1977	254.5	167.9	174.5	106.6	207.4	100.0	248.6	116.3	149.8	164.1	248.6	116.3	1.000000
1978	199.3	173.7	157.9	107.9	281.0	90.8	217.4	117.0	192.3	199.1	217.4	117.0	.759075
1979	134.4	116.0	177.6	103.0	343.7	89.6	199.1	77.4	204.3	154.1	199.1	77.4	.418181
1980	219.9	172.1	163.6	68.4	553.2	209.1	297.5	84.7	289.0	259.7	297.5	84.7	.418181
1981	309.7	253.7	182.2	227.4	1509.4	332.5	377.2	207.9	692.7	395.0	377.2	207.9	.418181
1982	310.1	265.9	182.6	352.0	1724.1	336.9	374.3	252.6	820.2	473.0	374.3	252.6	.418181
1983	343.6	287.8	176.8	993.5	2993.7	386.9	397.1	211.3	1660.9	763.3	397.1	245.1	.333429
1984	71.6	59.8	156.8	166.5	464.6	71.1	145.6	38.0	262.7	101.2	145.6	44.1	.032544
1985	113.3	94.5	156.3	172.2	416.3	83.7	207.9	117.4	236.2	99.6	135.1	51.4	.024161

Table 30.—Mining cost indexes for Greece

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	46.0	50.2	54.7	54.9	41.5	43.7	70.8	56.9	55.5	62.4	67.2	62.1	30.000
1971	49.9	59.1	58.5	54.4	41.8	43.7	72.5	59.1	56.1	64.7	71.1	59.4	30.000
1972	54.6	63.5	64.9	54.6	42.0	43.7	73.4	61.5	58.1	65.5	70.6	60.5	30.000
1973	63.4	69.8	73.8	71.2	66.7	46.0	76.0	68.1	75.0	69.0	74.6	65.9	29.625
1974	80.2	97.5	85.6	98.1	101.8	79.5	93.3	79.8	97.7	93.9	97.2	86.1	30.000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	32.287
1976	128.6	113.4	121.8	109.8	114.3	105.5	104.5	117.6	114.5	107.4	127.7	110.3	36.518
1977	155.5	140.5	142.5	122.1	128.4	116.0	113.2	123.8	133.5	116.9	170.2	123.2	36.838
1978	192.3	159.3	162.0	133.5	129.7	119.2	121.8	136.6	148.8	131.7	187.1	133.2	36.745
1979	231.9	169.0	189.4	162.1	154.8	172.4	133.9	161.9	186.4	153.4	216.5	163.2	37.038
1980	295.0	241.4	239.3	201.9	227.8	300.8	199.3	211.8	242.9	200.3	262.0	222.4	42.617
1981	375.2	267.9	263.8	243.9	274.3	360.8	184.2	274.1	290.8	239.1	318.9	279.9	55.408
1982	500.9	430.6	306.7	376.0	278.2	382.7	217.7	323.2	339.5	287.1	378.7	337.2	66.803
1983	597.9	465.4	370.4	459.2	352.9	475.7	251.4	392.5	412.4	339.5	449.7	377.2	88.064
1984	726.0	563.0	448.9	521.1	435.9	580.9	295.6	471.8	504.3	408.5	533.1	453.5	114.336
1985	913.7	703.4	549.4	643.0	491.0	970.3	352.7	578.9	618.9	497.4	663.1	736.2	196.500
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	49.5	54.0	58.8	59.1	44.7	47.0	76.2	61.3	59.7	67.1	72.3	66.9	1.076233
1971	53.7	63.6	63.0	58.6	45.0	47.0	78.0	63.6	60.4	69.6	76.5	63.9	1.076233
1972	58.7	68.3	69.9	58.8	45.2	47.0	79.0	66.2	62.5	70.5	75.9	65.1	1.076233
1973	69.1	76.0	80.5	77.6	72.7	50.1	82.8	74.3	81.7	75.2	81.3	71.8	1.099656
1974	86.4	105.0	92.1	105.5	109.6	85.6	100.4	85.9	105.2	101.0	104.6	92.7	1.076233
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	113.7	100.3	107.7	97.0	101.0	94.2	92.4	104.0	101.2	94.9	112.9	97.5	.894139
1977	136.2	123.1	124.9	107.0	112.5	101.7	99.2	108.5	117.0	102.4	149.2	108.0	.876459
1978	169.0	140.0	142.3	117.3	113.9	104.7	107.0	120.0	130.8	115.7	164.4	117.0	.878677
1979	202.1	147.3	165.1	141.3	134.9	150.2	116.8	141.1	162.4	133.7	188.7	142.2	.871726
1980	223.5	182.9	181.3	152.9	172.6	227.9	120.7	160.4	184.0	151.7	198.5	168.5	.757608
1981	218.6	156.1	153.7	142.1	159.8	210.2	107.3	159.7	169.5	139.3	185.8	163.1	.582713
1982	242.1	208.1	148.2	181.7	134.4	184.9	105.2	156.2	164.1	138.7	183.0	163.0	.483316
1983	219.2	170.6	135.8	169.3	129.4	174.4	92.1	143.9	151.2	124.5	164.8	138.2	.366631
1984	205.0	159.0	126.7	147.1	123.0	164.0	83.4	133.2	142.4	115.3	150.5	128.0	.282396
1985	150.1	115.5	90.2	105.6	80.6	159.4	57.9	95.1	101.7	81.7	107.3	120.9	.164310

Table 31.—Mining cost indexes for Guatemala

Year	Local currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	75.2	84.2	52.6	58.0	57.5	58.3	61.0	80.2	60.1	53.1	92.1	64.9
1971	76.9	82.4	55.0	59.2	55.8	56.2	64.4	80.3	60.4	53.8	91.8	65.8
1972	78.8	79.3	56.5	64.7	55.8	59.2	65.8	80.3	59.2	53.6	92.3	66.9
1973	80.7	79.9	59.1	74.3	59.3	61.0	68.5	81.4	63.0	55.4	92.5	75.0
1974	74.5	95.5	73.7	104.7	85.1	94.7	83.9	92.4	82.0	77.2	98.8	87.5
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	87.4	143.3	119.5	101.6	130.1	111.9	106.9	106.5	131.4	108.1	103.5	112.5
1977	96.5	156.9	129.5	106.7	156.4	129.8	115.1	112.4	161.3	117.0	107.7	118.9
1978	105.2	164.4	141.8	122.2	162.8	133.6	124.6	116.9	178.4	121.3	112.6	136.2
1979	116.0	178.8	157.1	136.6	224.4	170.4	137.3	124.6	200.9	140.3	119.0	182.5
1980	127.9	193.2	179.9	150.8	300.0	210.2	154.6	140.6	225.1	172.8	139.3	265.5
1981	141.9	210.1	200.2	164.7	286.1	232.8	178.8	155.9	232.7	199.8	155.4	320.1
1982	142.5	211.9	217.3	159.9	257.0	222.9	184.6	162.4	221.0	170.4	179.9	323.5
1983	156.6	228.5	218.3	147.9	245.6	211.6	186.4	162.5	232.7	165.7	195.6	326.9
Year	U.S. currency index											Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	75.2	84.2	52.6	58.0	57.5	58.3	61.0	80.2	60.1	53.1	92.1	1.000000
1971	76.9	82.4	55.0	59.2	55.8	56.2	64.4	80.3	60.4	53.8	91.8	1.000000
1972	78.8	79.3	56.5	64.7	55.8	59.2	65.8	80.3	59.2	53.6	92.3	1.000000
1973	80.7	79.9	59.1	74.3	59.3	61.0	68.5	81.4	63.0	55.4	92.5	1.000000
1974	74.5	95.5	73.7	104.7	85.1	94.7	83.9	92.4	82.0	77.2	98.8	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	87.4	143.3	119.5	101.6	130.1	111.9	106.9	106.5	131.4	108.1	103.5	112.5
1977	96.5	156.9	129.5	106.7	156.4	129.8	115.1	112.4	161.3	117.0	107.7	118.9
1978	105.2	164.4	141.8	122.2	162.8	133.6	124.6	116.9	178.4	121.3	112.6	1.000000
1979	116.0	178.8	157.1	136.6	224.4	170.4	137.3	124.6	200.9	140.3	119.0	1.000000
1980	127.9	193.2	179.9	150.8	300.0	210.2	154.6	140.6	225.1	172.8	139.3	1.000000
1981	141.9	210.1	200.2	164.7	286.1	232.8	178.8	155.9	232.7	199.8	155.4	1.000000
1982	142.5	211.9	217.3	159.9	257.0	222.9	184.6	162.4	221.0	170.4	179.9	1.000000
1983	156.6	228.5	218.3	147.9	245.6	211.6	186.4	162.5	232.7	165.7	195.6	1.000000

Table 32.—Mining cost indexes for Guinea

Year	Local currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	47.0	47.0	61.9	61.6	40.4	23.7	59.3	75.5	46.6	56.5	40.5	24.690
1971	48.7	48.7	64.6	64.7	41.7	27.5	62.2	78.5	49.8	58.3	43.4	24.610
1972	48.7	48.7	62.3	65.1	45.5	26.1	66.5	78.0	51.1	61.2	42.4	22.740
1973	50.4	50.4	60.6	69.8	105.4	46.4	71.5	77.4	53.7	67.5	51.0	20.720
1974	69.5	69.5	73.5	86.9	94.4	92.1	74.8	86.3	64.1	81.6	76.5	20.560
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	20.740
1976	120.6	120.6	120.4	103.0	115.9	103.1	99.9	114.5	93.9	96.7	115.0	21.380
1977	123.7	123.7	131.0	116.2	127.7	110.6	116.2	119.9	93.3	114.2	121.0	21.110
1978	127.9	127.9	133.1	111.7	143.7	109.9	109.1	115.0	102.8	103.3	123.2	19.740
1979	133.2	133.2	144.5	125.0	154.1	200.4	131.4	129.1	124.8	122.6	153.0	19.130
1980	150.6	150.6	164.5	135.5	182.4	284.0	166.1	148.7	151.6	146.3	185.4	19.030
1981	159.5	159.5	193.0	132.9	167.7	323.6	152.4	158.3	152.3	141.2	204.9	20.690
1982	159.5	159.5	221.8	146.7	149.3	340.3	149.1	167.0	151.8	141.7	213.9	22.280
1983	159.5	159.5	226.0	144.2	130.5	323.3	144.3	165.9	142.1	136.5	211.4	22.760
Year	U.S. currency index											Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	39.5	39.5	51.9	51.8	34.0	19.9	49.8	63.4	39.2	47.4	34.0	0.840016
1971	41.0	41.0	54.4	54.5	35.1	23.2	52.4	66.2	42.0	49.1	36.6	.842746
1972	44.4	44.4	56.8	59.4	41.5	23.8	60.7	71.1	46.6	55.9	38.7	.912049
1973	50.4	50.4	60.7	69.8	105.5	46.4	71.6	77.5	53.7	67.5	51.1	1.000965
1974	70.1	70.1	74.2	87.7	95.2	92.9	75.4	87.1	64.7	82.3	77.1	1.008754
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	117.0	117.0	116.8	99.9	112.4	100.0	96.9	111.1	91.0	93.8	111.5	.970065
1977	121.5	121.5	128.7	114.1	125.4	108.6	114.1	117.8	91.7	112.2	118.8	.982472
1978	134.4	134.4	139.8	117.3	151.0	115.5	114.6	120.8	108.0	108.6	129.4	1.050658
1979	144.4	144.4	156.7	135.5	167.1	217.3	142.5	139.9	135.3	132.9	165.9	1.084161
1980	164.1	164.1	179.3	147.6	198.7	309.5	181.1	162.0	165.2	159.5	202.1	1.089858
1981	159.9	159.9	193.5	133.2	168.1	324.4	152.7	158.7	152.7	141.6	205.4	1.002416
1982	148.5	148.5	206.4	136.5	138.9	316.8	138.8	155.4	141.3	131.9	199.1	.930879
1983	145.4	145.4	206.0	131.4	118.9	294.6	131.5	151.1	129.5	124.4	192.6	.911247

Table 33.—Mining cost indexes for Guyana

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	80.6	72.1	44.7	46.6	24.7	14.2	51.8	68.2	32.0	41.5	56.4	22.6	2.000
1971	81.4	77.8	46.2	50.6	26.9	20.9	54.1	67.4	32.1	41.4	65.2	33.2	1.981
1972	87.1	75.2	50.0	57.9	26.7	19.6	58.3	71.1	35.4	43.3	82.2	31.0	2.087
1973	93.4	82.7	52.8	63.6	23.4	39.3	61.3	72.8	44.6	44.7	93.0	62.2	2.106
1974	103.2	87.8	69.7	81.6	43.8	92.7	79.4	87.4	67.7	69.3	98.8	95.1	2.227
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	2.355
1976	119.7	102.3	129.4	104.5	142.8	109.6	115.8	115.3	115.9	114.8	105.2	109.8	2.550
1977	123.1	114.9	140.2	119.0	140.3	118.3	124.7	121.6	120.8	117.2	110.3	122.0	2.550
1978	139.2	118.1	153.5	147.4	190.9	123.5	134.9	126.5	138.1	118.0	122.4	137.4	2.550
1979	142.9	121.8	170.1	185.7	169.0	166.2	148.6	134.9	167.6	138.1	122.8	157.2	2.550
1980	157.2	127.9	194.8	238.3	216.2	207.4	167.4	152.2	194.5	169.5	123.3	206.6	2.550
1981	176.9	140.7	239.1	239.4	238.5	241.7	213.5	186.2	215.6	209.7	143.3	311.5	2.812
1982	210.8	154.6	276.7	236.8	244.6	252.9	235.1	206.9	220.9	217.1	146.2	362.1	3.000
1983	237.1	167.3	278.1	218.2	246.4	233.6	237.4	207.0	209.4	211.1	153.0	431.2	3.000
1984	263.4	180.2	358.0	264.1	288.6	271.3	304.7	268.3	237.8	291.1	159.8	500.3	3.832
1985	289.8	193.0	410.6	319.4	395.7	293.2	361.3	315.5	276.1	346.0	166.7	569.6	4.366
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	94.9	84.9	52.7	54.9	29.1	16.8	61.0	80.3	37.7	48.9	66.4	26.6	1.177500
1971	96.7	92.5	54.9	60.2	32.0	24.9	64.4	80.2	38.2	49.2	77.5	39.4	1.188793
1972	98.3	84.9	56.5	65.4	30.1	22.1	65.8	80.3	40.0	48.9	92.8	35.0	1.128413
1973	104.5	92.5	59.1	71.2	26.2	43.9	68.5	81.4	49.8	50.0	104.0	69.6	1.118233
1974	109.1	92.8	73.7	86.3	46.3	98.0	83.9	92.4	71.5	73.3	104.4	100.6	1.057476
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	110.5	94.5	119.5	96.5	131.9	101.2	106.9	106.5	107.1	106.0	97.1	101.4	.923529
1977	113.7	106.1	129.5	109.9	129.6	109.2	115.1	112.3	111.6	108.2	101.8	112.6	.923529
1978	128.5	109.0	141.7	136.1	176.3	114.0	124.6	116.8	127.6	109.0	113.0	126.9	.923529
1979	132.0	112.5	157.1	171.5	156.1	153.5	137.2	124.6	154.8	127.6	113.4	145.2	.923529
1980	145.1	118.1	179.9	220.0	199.7	191.6	154.6	140.5	179.7	156.6	113.8	190.8	.923529
1981	148.1	117.8	200.2	200.5	199.7	202.4	178.8	155.9	180.6	175.6	120.0	260.9	.837482
1982	165.5	121.3	217.2	185.9	192.0	198.5	184.5	162.4	173.4	170.4	114.8	284.2	.785000
1983	186.1	131.4	218.3	171.3	193.4	183.4	186.4	162.5	164.4	165.7	120.1	338.5	.785000
1984	161.9	110.7	220.0	162.3	177.3	166.7	187.2	164.9	146.1	178.9	98.2	307.4	.614561
1985	156.3	104.1	221.4	172.3	213.4	158.1	194.9	170.2	148.9	186.6	89.9	307.2	.539395

Table 34.—Mining cost indexes for Haiti

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	53.5	53.5	52.6	60.2	84.6	27.2	61.0	80.2	64.7	48.8	52.5	27.2	5.000
1971	58.6	58.6	55.0	63.4	85.9	27.7	64.4	80.3	68.7	49.3	55.7	27.7	5.000
1972	60.5	60.5	56.5	66.4	91.7	29.1	65.8	80.3	72.8	48.9	57.2	29.1	5.000
1973	74.2	74.2	59.1	70.0	91.7	72.8	68.5	81.4	79.6	50.0	71.6	72.8	5.000
1974	85.3	85.3	73.7	89.7	96.2	90.5	83.9	92.4	92.5	73.3	84.4	90.5	5.000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	5.000
1976	106.6	106.6	119.5	106.9	109.0	100.8	106.9	106.5	107.9	106.0	108.5	100.8	5.000
1977	111.1	111.1	129.5	113.6	115.4	106.2	115.1	112.4	117.8	108.2	114.4	106.2	5.000
1978	108.2	108.2	141.8	119.3	115.4	111.8	124.6	116.9	131.2	109.0	116.6	111.8	5.000
1979	122.3	122.3	157.1	133.0	115.4	192.4	137.3	124.6	144.5	127.6	136.7	192.4	5.000
1980	144.1	144.1	179.9	149.5	115.4	260.5	154.6	140.6	153.1	156.6	161.6	260.5	5.000
1981	152.3	152.3	200.2	159.4	115.4	280.1	178.8	155.9	162.6	175.6	174.5	280.1	5.000
1982	166.3	166.3	217.3	163.0	115.4	257.7	184.6	162.4	165.5	170.4	184.9	257.7	5.000
1983	180.3	180.3	218.3	160.1	115.4	250.6	186.4	162.5	171.1	165.7	192.2	250.6	5.000
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	53.5	53.5	52.6	60.2	84.6	27.2	61.0	80.2	64.7	48.8	52.5	27.2	1.000000
1971	58.6	58.6	55.0	63.4	85.9	27.7	64.4	80.3	68.7	49.3	55.7	27.7	1.000000
1972	60.5	60.5	56.5	66.4	91.7	29.1	65.8	80.3	72.8	48.9	57.2	29.1	1.000000
1973	74.2	74.2	59.1	70.0	91.7	72.8	68.5	81.4	79.6	50.0	71.6	72.8	1.000000
1974	85.3	85.3	73.7	89.7	96.2	90.5	83.9	92.4	92.5	73.3	84.4	90.5	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	106.6	106.6	119.5	106.9	109.0	100.8	106.9	106.5	107.9	106.0	108.5	100.8	1.000000
1977	111.1	111.1	129.5	113.6	115.4	106.2	115.1	112.4	117.8	108.2	114.4	106.2	1.000000
1978	108.2	108.2	141.8	119.3	115.4	111.8	124.6	116.9	131.2	109.0	116.6	111.8	1.000000
1979	122.3	122.3	157.1	133.0	115.4	192.4	137.3	124.6	144.5	127.6	136.7	192.4	1.000000
1980	144.1	144.1	179.9	149.5	115.4	260.5	154.6	140.6	153.1	156.6	161.6	260.5	1.000000
1981	152.3	152.3	200.2	159.4	115.4	280.1	178.8	155.9	162.6	175.6	174.5	280.1	1.000000
1982	166.3	166.3	217.3	163.0	115.4	257.7	184.6	162.4	165.5	170.4	184.9	257.7	1.000000
1983	180.3	180.3	218.3	160.1	115.4	250.6	186.4	162.5	171.1	165.7	192.2	250.6	1.000000

Table 35.—Mining cost indexes for Honduras

Year	Local currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
1970	76.1	76.4	52.6	70.6	58.7	27.2	61.0	54.5	63.6	36.0	67.2	66.7
1971	77.7	82.0	55.0	72.6	65.6	27.7	64.4	55.5	60.6	36.4	67.4	67.5
1972	81.9	100.3	56.5	72.5	53.3	29.1	65.8	61.3	53.9	36.1	68.2	69.2
1973	86.1	114.4	59.1	71.9	94.3	72.8	68.5	71.2	68.0	37.0	71.3	71.6
1974	53.5	90.3	73.7	100.6	101.8	90.5	83.9	99.6	94.4	61.1	93.1	89.2
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	140.3	148.2	119.5	109.4	83.7	100.8	106.9	93.4	79.9	110.4	106.1	102.8
1977	161.2	154.6	129.5	110.0	101.3	106.2	115.1	99.9	99.8	114.4	110.8	111.3
1978	207.9	204.1	141.8	108.7	149.5	111.8	124.6	110.0	98.9	115.9	112.7	115.0
1979	110.3	124.2	157.1	114.5	139.5	192.4	137.3	117.7	105.3	118.4	122.3	149.3
1980	129.0	212.5	179.9	123.8	169.0	260.5	154.6	135.9	118.9	134.9	145.3	195.5
1981	151.0	461.5	200.2	141.7	169.0	280.1	178.8	152.2	139.6	140.4	157.2	214.7
1982	151.7	661.3	217.3	161.2	156.3	257.7	184.6	135.8	143.7	164.5	168.0	237.0
1983	168.9	462.1	218.3	151.7	151.3	246.9	186.4	142.8	152.8	188.3	176.1	262.3
Year	U.S. currency index											Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
1970	76.1	76.4	52.6	70.6	58.7	27.2	61.0	54.5	63.6	36.0	67.2	66.7
1971	77.7	82.0	55.0	72.6	65.6	27.7	64.4	55.5	60.6	36.4	67.4	67.5
1972	81.9	100.3	56.5	72.5	53.3	29.1	65.8	61.3	53.9	36.1	68.2	69.2
1973	86.1	114.4	59.1	71.9	94.3	72.8	68.5	71.2	68.0	37.0	71.3	71.6
1974	53.5	90.3	73.7	100.6	101.8	90.5	83.9	99.6	94.4	61.1	93.1	89.2
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	140.3	148.2	119.5	109.4	83.7	100.8	106.9	93.4	79.9	110.4	106.1	102.8
1977	161.2	154.6	129.5	110.0	101.3	106.2	115.1	99.9	99.8	114.4	110.8	111.3
1978	207.9	204.1	141.8	108.7	149.5	111.8	124.6	110.0	98.9	115.9	112.7	115.0
1979	110.3	124.2	157.1	114.5	139.5	192.4	137.3	117.7	105.3	118.4	122.3	149.3
1980	129.0	212.5	179.9	123.8	169.0	260.5	154.6	135.9	118.9	134.9	145.3	195.5
1981	151.0	461.5	200.2	141.7	169.0	280.1	178.8	152.2	139.6	140.4	157.2	214.7
1982	151.7	661.3	217.3	161.2	156.3	257.7	184.6	135.8	143.7	164.5	168.0	237.0
1983	168.9	462.1	218.3	151.7	151.3	246.9	186.4	142.8	152.8	188.3	176.1	262.3

Table 36.—Mining cost indexes for India

Year	Local currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
1970	45.2	65.0	51.3	40.0	61.6	37.5	47.1	100.8	41.9	55.8	63.7	64.3
1971	46.9	64.6	57.3	43.8	62.8	39.0	55.7	66.2	50.1	58.0	66.9	66.2
1972	50.2	67.6	60.5	52.6	64.1	40.3	50.9	66.9	56.2	59.8	70.8	68.3
1973	60.6	60.0	65.7	63.4	66.8	43.2	68.9	68.1	70.6	63.8	72.5	70.0
1974	72.2	73.0	84.5	90.5	90.9	96.3	69.3	83.4	89.2	89.7	88.2	85.2
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	97.6	119.3	100.7	105.3	97.6	100.0	95.8	100.7	110.0	98.3	109.1	110.1
1977	105.5	131.3	101.6	106.4	106.2	100.0	123.7	99.9	113.3	97.9	109.8	110.9
1978	109.4	131.4	106.7	116.9	115.4	100.7	120.9	113.2	122.8	105.5	109.8	124.9
1979	112.6	138.6	121.0	139.8	129.6	105.9	126.9	134.4	141.8	130.1	121.2	136.6
1980	117.8	160.4	136.9	152.2	155.2	142.4	134.3	157.6	160.8	165.6	130.9	145.7
1981	171.0	176.0	193.3	179.4	177.6	166.2	176.6	182.4	182.5	182.9	146.0	161.4
1982	188.2	191.2	163.9	210.8	188.8	160.2	199.3	200.6	210.8	190.9	157.3	182.5
1983	215.2	213.0	175.3	237.1	200.1	154.3	215.1	205.6	228.3	200.7	175.2	212.8
1984	232.1	232.9	193.8	258.3	221.7	147.1	243.5	220.7	244.9	210.5	191.6	245.8
1985	272.1	265.0	210.6	286.4	248.2	158.2	290.5	264.9	275.7	231.3	218.0	269.7
Year	U.S. currency index											Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
1970	50.5	72.6	57.3	44.6	68.8	41.9	52.6	112.5	46.8	62.3	71.1	71.8
1971	52.4	72.2	64.0	48.9	70.2	43.6	62.2	73.9	55.9	64.8	74.7	74.0
1972	55.4	74.6	66.7	58.0	70.7	44.4	56.2	73.7	61.9	65.9	78.1	75.4
1973	65.6	64.9	71.1	68.6	72.3	46.8	74.5	73.7	76.4	69.0	78.5	75.7
1974	74.7	75.4	87.3	93.6	94.0	99.6	71.6	86.3	92.2	92.7	91.2	88.1
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	91.2	111.5	94.1	98.5	91.3	93.5	89.6	94.1	102.8	91.9	102.0	102.9
1977	101.1	125.8	97.4	101.9	101.8	95.8	118.6	95.8	108.6	93.8	105.2	106.3
1978	111.9	134.3	109.1	119.5	118.0	102.9	123.6	115.7	125.6	107.9	112.3	127.7
1979	116.1	142.9	124.7	144.1	133.6	109.1	130.8	138.6	146.2	134.1	124.9	140.8
1980	125.4	170.9	145.9	162.2	165.3	151.7	143.1	167.9	171.3	176.4	139.5	155.2
1981	165.4	170.2	148.3	173.5	171.8	160.8	170.9	176.4	176.5	176.9	141.2	156.1
1982	166.7	169.4	145.2	186.8	167.2	141.9	176.5	177.7	186.8	169.1	139.4	161.7
1983	178.5	176.6	145.4	196.7	166.0	128.0	178.4	170.5	189.3	168.9	145.3	176.5
1984	171.1	171.6	142.9	190.4	163.4	108.4	179.5	162.7	180.5	155.2	141.2	181.1
1985	175.2	170.6	135.6	184.4	159.8	101.8	187.0	170.6	177.5	148.9	140.3	173.6

Table 37.—Mining cost indexes for Indonesia

Year	Local currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	52.6	45.5	50.5	42.6	35.1	57.2	48.1	49.8	42.1	50.3	34.9	365.000
1971	58.8	52.7	56.2	43.5	42.9	52.8	50.5	49.8	42.2	51.9	44.9	393.420
1972	68.8	64.2	59.7	47.0	46.4	62.0	58.3	50.0	46.4	53.4	46.2	415.000
1973	83.5	81.1	75.7	76.5	71.2	67.2	70.8	57.6	65.8	60.1	58.2	415.000
1974	95.3	94.6	96.1	100.0	96.1	82.1	86.4	89.0	96.6	81.7	89.3	415.000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	415.000
1976	105.5	108.6	113.8	101.7	100.0	134.4	105.9	87.3	103.4	99.6	112.4	415.000
1977	110.3	114.5	118.2	104.8	114.6	134.4	111.7	88.7	108.9	93.1	111.7	415.000
1978	117.9	119.2	121.0	114.3	133.0	134.4	130.7	88.1	117.7	88.6	116.8	442.050
1979	123.7	133.0	161.3	150.0	174.2	210.6	185.8	105.2	153.2	133.3	147.7	623.060
1980	136.6	147.0	179.0	174.8	212.9	328.4	236.2	141.5	185.7	188.0	187.7	626.990
1981	152.1	158.3	184.5	183.7	236.2	328.4	239.7	159.9	206.3	196.8	202.1	631.760
1982	160.7	168.1	184.5	189.0	257.8	539.2	238.2	163.4	225.9	193.4	226.7	661.420
1983	173.7	181.3	202.0	209.1	284.0	597.3	254.1	190.5	252.7	224.8	256.8	909.260
1984	198.3	199.4	238.1	227.5	309.0	596.8	271.1	239.6	277.9	272.6	285.5	1021.990
1985	219.5	219.5	263.8	257.8	348.2	605.8	344.6	282.0	314.4	315.6	324.7	1113.010
Year	U.S. currency index											Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	59.8	51.8	57.4	48.5	40.0	65.1	54.7	56.6	47.8	57.2	39.7	1.136986
1971	62.1	55.6	58.3	45.9	45.3	55.7	53.3	52.5	44.5	54.7	47.3	1.054852
1972	68.8	64.2	59.7	47.0	46.4	62.0	58.3	50.0	46.4	53.4	46.2	1.000000
1973	83.5	81.1	75.7	76.5	71.2	67.2	70.8	57.6	65.8	60.1	58.2	1.000000
1974	95.3	94.6	96.1	100.0	96.1	82.1	86.4	89.0	96.6	81.7	89.3	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	105.5	108.6	113.8	101.7	100.0	134.4	105.9	87.3	103.4	99.6	112.4	1.000000
1977	110.3	114.5	118.2	104.8	114.6	134.4	111.7	88.7	108.9	93.1	111.7	1.000000
1978	110.7	111.9	113.6	107.3	124.9	126.2	122.7	82.7	110.5	83.1	109.6	.938807
1979	82.4	88.6	107.4	99.9	116.0	140.3	123.7	70.1	102.0	88.8	98.3	.666067
1980	90.4	97.3	118.5	115.7	140.9	217.3	156.3	93.6	122.9	124.4	124.2	.661892
1981	99.9	104.0	121.2	120.7	155.1	215.7	157.4	105.0	135.5	129.3	132.8	.656895
1982	100.8	105.4	115.8	118.6	161.7	338.3	149.4	102.5	141.7	121.3	142.2	.627437
1983	79.2	82.7	92.2	95.4	129.6	272.6	115.9	86.9	115.3	102.6	116.7	.456415
1984	80.5	80.9	96.7	92.3	125.4	242.3	110.0	97.3	112.8	110.7	115.9	.406070
1985	81.8	81.8	98.3	96.1	129.8	225.9	128.5	105.1	117.2	117.6	121.0	.372862

Table 38.—Mining cost indexes for Iran

Year	Local currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	42.9	42.9	62.6	60.7	46.6	96.3	58.4	80.3	52.6	65.3	72.0	75.750
1971	47.2	47.2	70.2	66.1	54.9	96.5	59.5	79.7	57.4	68.8	74.6	75.750
1972	53.8	53.8	75.2	79.6	83.8	97.4	67.9	80.1	64.2	74.6	77.3	75.750
1973	64.6	64.6	78.8	98.1	81.7	99.1	75.5	88.7	84.0	87.4	81.3	68.882
1974	71.8	71.8	84.5	91.5	86.2	99.7	90.3	90.6	80.5	92.1	88.0	67.625
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	67.639
1976	134.4	134.4	109.3	111.1	114.1	108.7	105.4	103.7	96.4	101.9	131.9	70.222
1977	159.5	159.5	120.6	125.5	119.7	117.3	115.9	114.3	111.8	113.7	143.6	70.617
1978	184.0	184.0	135.2	147.1	132.5	122.9	134.7	147.2	118.7	143.2	157.5	70.475
1979	219.6	219.6	159.8	192.5	160.3	137.8	149.9	164.9	145.9	151.7	202.5	70.475
1980	272.5	272.5	202.9	260.0	209.3	143.5	161.4	218.1	186.2	195.5	226.5	70.615
1981	352.0	352.0	249.7	326.6	259.7	165.3	169.4	272.7	229.2	238.8	281.4	78.328
1982	428.3	428.3	280.9	371.2	293.3	185.4	178.9	309.2	257.9	267.7	334.1	83.603
1983	477.8	477.8	327.2	437.1	343.2	201.8	147.4	363.2	300.4	310.5	368.3	86.358
Year	U.S. currency index											Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	38.3	38.3	55.9	54.2	41.6	86.0	52.1	71.7	47.0	58.3	64.2	0.892924
1971	42.2	42.2	62.7	61.7	49.0	86.2	53.1	71.1	51.2	61.4	66.6	.892924
1972	48.0	48.0	67.1	71.1	74.8	87.0	60.6	71.5	57.3	66.6	69.0	.892924
1973	63.5	63.5	77.4	96.3	80.3	97.3	74.2	87.1	82.5	85.8	79.8	.981954
1974	71.8	71.8	84.5	91.5	86.2	99.7	90.3	90.6	80.5	92.1	88.1	1.000207
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	129.4	129.4	105.3	107.0	109.9	104.7	101.6	99.9	92.9	98.2	127.0	.963216
1977	152.8	152.8	115.5	120.2	114.7	112.4	111.0	109.5	107.1	108.9	137.5	.957828
1978	176.6	176.6	129.7	141.2	127.2	117.9	129.2	141.2	113.9	137.5	151.1	.999758
1979	210.8	210.8	153.3	184.7	153.8	132.2	143.9	158.3	140.1	145.6	194.4	.999758
1980	261.0	261.0	194.4	249.0	200.5	137.4	154.6	208.9	178.3	187.3	217.0	.957855
1981	304.0	304.0	215.6	282.1	224.2	142.7	146.2	235.5	197.9	206.2	243.0	.863535
1982	346.5	346.5	227.3	300.3	237.3	150.0	144.8	250.1	208.6	216.5	270.3	.809049
1983	374.3	374.3	256.2	342.4	268.8	158.0	115.4	284.5	235.3	243.2	288.4	.783239

Table 39.—Mining cost indexes for Iraq

Year	Local currency index												Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	63.9	63.9	73.0	55.5	67.7	123.3	63.0	65.9	57.8	61.9	83.2	132.2	0.357
1971	69.7	69.7	77.2	54.1	66.6	112.6	63.5	66.4	57.2	64.3	82.0	132.2	.353
1972	75.6	75.6	82.2	51.6	74.1	113.8	68.3	69.1	56.1	66.0	83.9	132.2	.333
1973	78.3	78.3	79.0	61.5	96.0	111.5	76.0	72.9	59.5	73.8	87.0	132.2	.302
1974	92.8	92.8	86.3	97.1	86.0	101.2	90.3	99.6	79.2	93.3	101.5	97.4	.295
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.295
1976	121.5	121.5	94.5	97.5	101.0	106.9	101.6	93.4	119.1	98.9	112.4	117.3	.295
1977	144.0	144.0	104.8	97.6	92.6	112.1	111.0	99.9	122.0	106.3	126.5	130.7	.295
1978	159.9	159.9	128.3	114.6	122.2	112.1	129.2	110.0	123.7	120.8	139.7	136.7	.295
1979	172.4	172.4	154.2	138.4	203.7	115.5	143.9	117.7	137.0	143.3	152.6	145.5	.295
1980	198.0	198.0	191.4	154.5	222.1	160.3	154.6	135.9	151.5	155.9	186.3	185.8	.295
1981	241.0	241.0	182.0	172.2	188.7	226.7	146.2	152.5	184.7	136.3	220.5	246.3	.295
1982	241.0	241.0	167.8	176.8	183.4	249.7	146.3	150.2	209.5	134.2	221.3	258.8	.298
1983	241.0	241.0	172.4	163.3	192.4	256.2	121.5	156.9	202.2	133.1	224.2	262.3	.311
Year	U.S. currency index												Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	52.8	52.8	60.3	45.8	56.0	101.9	52.1	54.5	47.8	51.1	68.8	109.2	0.826330
1971	58.2	58.2	64.5	45.2	55.6	94.1	53.1	55.5	47.8	53.7	68.5	110.5	.835694
1972	66.9	66.9	72.8	45.7	65.7	100.8	60.5	61.2	49.7	58.5	74.3	117.1	.885885
1973	76.5	76.5	77.2	60.1	93.8	108.9	74.2	71.2	58.2	72.1	85.0	129.1	.976821
1974	92.8	92.8	86.3	97.1	86.0	101.2	90.3	99.6	79.2	93.3	101.5	97.4	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	121.5	121.5	94.5	97.5	101.0	106.9	101.6	93.4	119.1	98.9	112.4	117.3	1.000000
1977	144.0	144.0	104.8	97.6	92.6	112.1	111.0	99.9	122.0	106.3	126.5	130.7	1.000000
1978	159.9	159.9	128.3	114.6	122.2	112.1	129.2	110.0	123.7	120.8	139.7	136.7	1.000000
1979	172.4	172.4	154.2	138.4	203.7	115.5	143.9	117.7	137.0	143.3	152.6	145.5	1.000000
1980	198.0	198.0	191.4	154.5	222.1	160.3	154.6	135.9	151.5	155.9	186.3	185.8	1.000000
1981	241.0	241.0	182.0	172.2	188.7	226.7	146.2	152.5	184.7	136.3	220.5	246.3	1.000000
1982	238.6	238.6	166.1	175.0	181.6	247.1	144.8	148.7	207.4	132.8	219.1	256.2	.989932
1983	228.6	228.6	163.5	154.9	182.5	243.1	115.2	148.8	191.8	126.3	212.6	248.8	.948553

Table 40.—Mining cost indexes for Ireland

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	42.5	42.6	55.8	47.8	21.7	43.1	52.5	40.4	44.7	55.0	80.0	44.7	0.417
1971	48.5	49.8	59.2	50.5	23.3	47.0	58.4	42.0	47.5	58.0	86.7	49.4	.411
1972	55.9	60.3	64.7	54.7	21.3	48.2	63.5	41.4	50.3	61.6	86.7	53.8	.400
1973	65.2	66.0	69.9	64.1	57.8	55.2	67.2	61.5	58.5	69.3	93.3	57.3	.408
1974	78.4	80.3	82.0	81.3	102.8	79.2	78.7	83.9	82.2	81.8	86.7	84.2	.428
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.450
1976	126.7	113.9	116.3	113.4	114.0	125.2	119.9	117.6	118.3	109.7	113.3	111.3	.554
1977	134.7	136.8	133.4	134.1	142.6	144.6	138.5	141.6	139.4	123.5	113.3	134.5	.573
1978	157.3	149.0	148.5	148.0	133.9	139.6	155.7	154.8	149.3	134.6	113.3	129.4	.521
1979	183.3	183.7	167.3	160.7	150.3	179.8	182.0	174.0	171.8	147.2	120.0	145.7	.488
1980	216.2	213.9	206.6	183.6	181.9	255.3	226.0	217.4	209.5	175.9	133.3	219.1	.486
1981	271.5	255.6	250.1	207.8	225.2	337.9	282.1	247.0	243.9	207.7	146.7	275.5	.619
1982	306.1	308.2	259.5	232.3	225.6	385.8	368.0	278.6	263.7	229.6	162.6	327.1	.703
1983	348.5	319.9	291.5	249.0	245.1	449.7	401.7	299.9	280.4	249.2	176.7	342.3	.801
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	45.9	46.0	60.2	51.6	23.5	46.5	56.6	43.6	48.2	59.4	86.3	48.3	1.079136
1971	53.1	54.5	64.8	55.3	25.5	51.5	64.0	46.0	52.0	63.6	94.9	54.1	1.094890
1972	62.8	67.8	72.8	61.6	24.0	54.3	71.5	46.6	56.6	69.3	97.5	60.6	1.125000
1973	71.9	72.8	77.1	70.7	63.8	60.8	74.1	67.9	64.5	76.4	102.9	63.3	1.102941
1974	82.4	84.4	86.2	85.5	108.0	83.3	82.7	88.2	86.4	86.0	91.1	88.5	1.051401
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	102.9	92.5	94.5	92.1	92.6	101.7	97.4	95.5	96.1	89.1	92.0	90.4	.812274
1977	105.7	107.4	104.8	105.3	112.0	113.5	108.8	111.2	109.5	97.0	89.0	105.6	.785340
1978	135.9	128.7	128.3	127.8	115.6	120.6	134.5	133.7	128.9	116.3	97.9	111.8	.863723
1979	169.0	169.4	154.3	148.2	138.6	165.8	167.8	160.4	158.4	135.7	110.7	134.4	.922131
1980	200.2	198.1	191.3	170.0	168.4	236.4	209.2	201.3	194.0	162.9	123.5	202.9	.925925
1981	197.3	185.8	181.8	151.1	163.7	245.6	205.1	179.6	177.3	151.0	106.6	200.3	.726978
1982	195.9	197.3	166.1	148.7	144.4	246.9	235.6	178.3	168.8	147.0	104.1	209.4	.640113
1983	195.7	179.7	163.7	139.9	137.7	252.6	225.6	168.5	157.5	140.0	99.2	192.3	.561797

Table 41.—Mining cost indexes for Israel

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Ruel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	28.9	33.2	35.0	31.5	27.9	21.8	27.8	36.3	29.8	34.1	36.9	28.1	0.350
1971	34.2	36.8	38.5	33.8	31.7	23.1	29.8	38.1	32.2	36.1	42.3	30.0	.373
1972	39.2	42.0	42.7	38.1	36.1	25.0	33.7	40.5	36.4	40.9	40.8	32.3	.420
1973	51.3	51.3	49.3	49.0	58.7	28.5	38.6	47.8	48.0	48.1	54.6	35.0	.420
1974	69.7	69.9	69.9	76.6	83.2	61.6	60.0	70.5	73.1	74.5	74.6	60.9	.450
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.639
1976	142.0	140.4	133.2	127.5	134.8	130.9	124.9	131.8	124.9	128.9	106.9	134.7	.798
1977	191.0	186.0	184.7	176.0	181.3	166.8	154.4	183.8	163.5	168.7	150.8	177.3	1.046
1978	279.6	283.4	286.6	278.2	261.7	241.2	244.0	284.8	257.9	273.6	270.0	273.9	1.747
1979	624.4	550.3	481.0	503.8	441.4	482.9	383.1	620.1	497.6	456.3	554.6	455.3	2.544
1980	1327.2	1253.4	1009.7	1111.2	1044.3	1285.6	856.2	1465.1	1129.1	1127.4	1215.4	1402.8	5.124
1981	3399.5	2970.5	2372.5	2435.2	2242.8	2262.1	2125.5	3150.5	2623.9	2471.0	3315.4	3053.4	11.431
1982	7326.1	6822.3	5172.7	5479.6	4723.6	4717.8	4726.4	6900.2	5717.8	5147.0	6853.8	6681.2	24.267
1983	19678.3	16408.3	11975.8	13405.0	11512.2	11047.6	10638.9	15989.8	12892.2	11450.3	16901.9	13786.1	56.214
1984	92556.5	78065.1	63232.9	66724.4	57035.3	42327.0	49218.9	82806.2	64714.5	59850.7	83510.0	62689.7	293.210
1985	366357.0	308835.0	250933.0	237375.0	202843.0	153511.0	185689.0	321213.0	230123.0	230311.0	297173.0	247928.0	1155.830

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Ruel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	52.7	60.6	64.0	57.6	51.0	39.9	50.8	66.4	54.5	62.3	67.5	51.3	1.825714
1971	58.6	63.1	65.9	57.9	54.3	39.7	51.2	65.2	55.2	61.9	72.5	51.4	1.713136
1972	59.7	63.9	64.9	58.1	55.0	38.1	51.3	61.6	55.4	62.2	62.1	49.2	1.521428
1973	78.0	78.1	75.0	74.6	89.4	43.4	58.7	72.8	73.1	73.2	83.1	53.3	1.521428
1974	99.1	99.3	99.3	108.9	118.2	87.4	85.2	100.1	103.8	105.8	106.0	86.4	1.420000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	113.7	112.4	106.7	102.1	108.0	104.8	100.0	105.6	100.0	103.2	85.6	107.8	.800751
1977	116.7	113.6	112.8	107.5	110.7	101.9	94.3	112.3	99.9	103.0	92.1	108.3	.610898
1978	102.2	103.6	104.8	101.7	95.7	88.2	89.2	104.1	94.3	100.0	98.7	100.2	.365769
1979	156.8	138.2	120.8	126.5	110.8	121.3	96.2	155.7	125.0	114.6	139.3	114.3	.251179
1980	165.5	156.3	125.9	138.5	130.2	160.3	106.7	182.7	140.8	140.6	151.5	174.9	.124707
1981	197.8	166.0	132.6	136.1	125.3	126.4	118.8	176.1	146.6	138.1	185.3	170.6	.059900
1982	192.9	179.6	136.2	144.2	124.3	124.2	124.4	181.6	150.5	135.5	180.4	173.2	.026332
1983	223.6	186.5	136.1	152.3	130.8	125.5	120.9	181.7	146.5	130.1	190.9	156.7	.011367
1984	201.7	170.1	137.8	145.4	124.2	92.2	107.2	180.4	141.0	130.4	181.9	136.6	.002179
1985	202.5	170.7	138.7	131.2	112.1	84.8	102.6	177.5	127.2	127.3	164.2	137.0	.000552

Table 42.—Mining cost indexes for Italy

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	35.8	46.4	60.8	51.0	63.0	51.4	15.3	55.6	50.9	45.3	73.8	93.2	627.160
1971	41.4	50.8	63.7	47.7	66.5	51.4	16.2	58.5	51.9	44.9	73.8	93.7	618.360
1972	45.2	54.4	65.5	48.1	65.1	51.4	17.6	61.3	52.5	45.6	73.8	93.8	583.220
1973	55.6	65.7	73.1	70.2	76.2	77.4	26.7	68.4	60.6	61.9	73.8	90.3	583.000
1974	70.1	76.3	88.6	116.3	103.7	92.5	75.6	86.9	84.5	117.5	90.8	104.7	650.340
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	652.850
1976	118.1	119.6	118.5	126.0	119.3	102.7	44.1	118.5	115.8	122.2	105.6	96.4	832.280
1977	146.2	148.6	135.8	132.0	156.5	112.3	57.9	134.8	137.4	135.2	124.8	118.5	882.390
1978	186.4	174.0	152.8	157.0	162.6	111.0	70.7	144.9	148.6	140.2	139.5	130.3	848.660
1979	221.1	208.4	172.2	190.0	197.2	198.6	79.6	165.2	171.5	163.9	157.4	144.1	830.860
1980	275.7	250.2	208.4	207.0	243.9	230.8	102.6	205.0	224.4	209.2	188.8	209.0	856.450
1981	334.3	306.4	247.6	213.0	284.0	312.3	120.9	243.3	271.7	244.9	221.1	265.6	1136.770
1982	392.7	345.0	286.6	256.0	299.9	371.0	147.1	273.3	281.9	283.8	255.4	328.7	1352.500
1983	461.6	407.5	323.2	262.2	317.5	419.5	163.2	301.6	288.2	313.8	296.9	379.7	1518.800
1984	516.1	453.1	365.9	289.9	338.1	467.6	173.5	328.8	299.6	332.4	317.0	426.7	1743.100
1985	589.7	489.7	399.3	316.4	354.7	514.0	191.3	362.7	327.1	362.9	342.3	473.2	1743.100

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	37.2	48.3	63.3	53.1	65.5	53.5	16.0	57.9	53.0	47.2	76.8	97.0	1.040962
1971	43.7	53.6	67.2	50.4	70.3	54.2	17.1	61.8	54.8	47.4	77.9	98.9	1.055776
1972	50.6	60.9	73.3	53.8	72.9	57.5	19.7	68.6	58.8	51.1	82.6	105.0	1.119388
1973	62.3	73.6	81.9	78.6	85.3	86.7	29.9	76.6	67.8	69.3	82.7	101.1	1.119811
1974	70.4	76.6	89.0	116.8	104.1	92.8	75.9	87.2	84.9	117.9	91.1	105.1	1.003859
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	92.6	93.8	93.0	98.8	93.6	80.6	34.6	92.9	90.8	95.8	82.9	75.6	.784411
1977	108.1	109.9	100.5	97.6	115.8	83.1	42.8	99.7	101.6	100.0	92.3	87.7	.739865
1978	143.4	133.8	117.5	120.8	125.1	85.3	54.4	111.5	114.3	107.9	107.3	100.2	.769271
1979	173.7	163.7	135.3	149.3	154.9	156.1	62.5	129.8	134.7	128.8	123.6	113.2	.785752
1980	210.1	190.7	158.8	157.8	185.9	176.0	78.2	156.2	171.1	159.4	143.9	159.3	.762274
1981	192.0	175.9	142.2	122.3	163.1	179.4	69.4	139.7	156.0	140.6	127.0	152.5	.574302
1982	189.5	166.5	138.3	123.5	144.7	179.0	71.0	131.9	136.1	137.0	123.3	158.6	.482698
1983	198.4	175.1	138.9	112.7	136.5	180.3	70.1	129.6	123.9	134.9	127.6	163.2	.429845
1984	193.3	169.7	137.0	108.6	126.6	175.1	65.0	123.1	112.2	124.4	118.7	159.8	.374533
1985	209.6	183.4	149.5	118.5	132.8	192.5	71.6	135.8	122.5	135.9	128.2	177.2	.374533

Table 43.—Mining cost indexes for Ivory Coast

Year	Local currency index												Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	63.4	63.4	62.6	59.7	44.0	40.6	66.9	60.4	50.8	61.5	57.4	63.7	277.710
1971	63.4	63.4	66.0	62.8	45.5	39.5	70.4	67.3	54.3	63.5	61.8	66.5	277.130
1972	63.4	63.4	69.1	64.3	48.8	44.5	72.7	72.8	54.8	65.7	62.3	69.6	252.210
1973	63.4	63.4	72.3	72.4	109.7	43.7	73.1	76.4	55.8	70.2	71.7	74.1	222.700
1974	79.3	79.3	86.2	96.9	106.8	103.4	89.4	91.7	72.6	92.4	84.7	88.7	240.500
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	214.320
1976	125.0	125.0	113.0	106.2	125.3	123.6	110.2	129.0	101.5	104.6	105.0	117.1	238.980
1977	125.0	125.0	121.3	112.0	143.8	138.7	116.6	120.6	105.1	109.7	113.7	135.4	245.670
1978	156.3	156.3	135.6	122.2	158.9	134.8	124.4	131.4	113.7	114.3	138.5	161.8	225.640
1979	175.1	175.1	153.0	136.1	165.8	253.7	140.0	154.1	139.4	131.9	132.0	178.5	212.720
1980	188.3	188.3	173.1	144.4	195.9	288.1	160.0	180.9	169.1	157.2	143.8	204.2	211.300
1981	189.1	189.1	196.8	146.8	213.1	399.7	179.0	204.7	200.9	179.5	152.5	209.8	271.730
1982	208.0	208.0	222.5	182.3	213.0	474.7	193.9	227.7	224.8	202.2	177.5	224.5	328.620
1983	235.3	235.3	241.2	213.3	211.1	495.8	201.7	247.3	238.6	221.3	183.5	237.3	381.070
1984	242.0	242.0	260.0	217.7	232.2	520.3	200.6	264.4	247.8	243.1	190.3	250.0	423.095
1985	258.8	258.8	284.9	238.4	257.6	473.2	218.7	291.4	297.8	267.7	202.0	267.7	383.350
Year	U.S. currency index												Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	48.9	48.9	48.3	46.1	34.0	31.3	51.6	46.6	39.2	47.4	44.3	49.2	0.771740
1971	49.0	49.0	51.0	48.6	35.1	30.6	54.4	52.0	42.0	49.1	47.8	51.4	.77355
1972	53.8	53.8	58.7	54.6	41.5	37.8	61.8	61.9	46.6	55.9	53.0	59.1	.849768
1973	61.0	61.0	69.6	69.7	105.5	42.0	70.3	73.6	53.7	67.5	69.0	71.3	.962370
1974	70.7	70.7	76.8	86.4	95.2	92.1	79.6	81.7	64.7	82.3	75.5	79.0	.891143
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	112.1	112.1	101.3	95.3	112.4	110.8	98.8	115.7	91.0	93.8	94.2	105.0	.896811
1977	109.0	109.0	105.8	97.7	125.4	121.0	101.7	105.2	91.7	95.7	99.2	118.1	.872389
1978	148.4	148.4	128.8	116.0	150.9	128.0	118.1	124.8	108.0	108.6	131.5	153.6	.949831
1979	176.4	176.4	154.1	137.1	167.1	255.6	141.1	155.3	140.4	132.9	133.0	179.9	1.007521
1980	191.0	191.0	175.6	146.4	198.7	292.2	162.3	183.5	171.5	159.5	145.8	207.1	1.014292
1981	149.2	149.2	155.2	115.8	168.1	315.3	141.2	161.4	158.5	141.6	120.3	165.5	.788724
1982	135.7	135.7	145.1	118.9	138.9	309.6	126.4	148.5	146.6	131.8	115.8	146.4	.652181
1983	132.3	132.3	135.6	120.0	118.7	278.8	113.4	139.1	134.2	124.5	103.2	133.4	.562416
1984	122.5	122.5	131.7	110.3	117.6	263.6	101.6	133.9	125.5	123.1	96.4	126.6	.506552
1985	144.7	144.7	159.2	133.3	144.0	264.6	122.3	162.9	166.5	149.6	112.9	149.7	.599071

Table 44.—Mining cost indexes for Jamaica

Year	Local currency index												Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	57.5	42.6	55.9	55.2	89.3	24.9	55.9	73.5	59.3	44.7	53.7	24.0	0.833
1971	53.8	49.0	58.2	57.3	95.9	25.1	58.2	72.3	62.1	44.6	60.8	26.4	.822
1972	63.4	49.0	58.0	58.5	88.1	25.7	58.0	70.8	64.1	43.1	66.2	32.1	.801
1973	86.7	60.7	68.5	70.0	100.0	72.8	68.5	81.4	79.6	50.0	82.3	39.2	.909
1974	95.1	60.7	83.9	89.7	100.0	90.5	83.9	92.4	92.5	73.3	90.9	86.4	.909
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.909
1976	109.7	100.0	106.9	106.9	223.4	100.8	106.9	106.5	107.9	106.0	114.6	123.2	.909
1977	118.2	115.6	125.5	113.6	223.4	106.2	125.5	112.4	128.4	108.2	134.2	144.6	.909
1978	148.4	117.4	196.7	190.2	408.0	178.2	196.7	184.5	207.1	173.8	160.0	196.7	1.449
1979	160.4	121.7	266.8	258.1	525.0	373.3	266.8	242.1	280.8	247.5	175.5	260.0	1.763
1980	170.7	129.5	303.0	292.9	506.4	510.5	303.0	275.4	300.0	306.9	178.0	313.6	1.781
1981	183.3	139.7	350.4	312.3	493.8	548.9	350.4	305.6	318.7	344.1	182.7	322.8	1.781
1982	192.9	147.0	361.6	319.3	474.6	505.0	361.6	318.3	324.3	333.9	189.7	367.5	1.781
1983	206.5	157.4	396.2	340.3	518.6	524.8	396.2	345.5	363.6	352.2	202.7	410.1	1.932
1984	219.8	169.3	446.5	748.0	1102.4	1046.4	446.5	386.9	383.2	761.7	211.1	439.0	4.054
1985	242.9	186.2	485.8	968.8	1385.0	1313.6	485.8	419.0	394.8	993.1	229.8	504.9	5.089
Year	U.S. currency index												Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	62.7	46.5	61.0	60.3	97.4	27.2	61.0	80.2	64.7	48.8	58.6	26.2	1.091236
1971	59.5	54.2	64.4	63.3	105.0	27.7	64.4	80.0	68.7	49.3	67.2	29.2	1.105839
1972	72.0	55.6	65.8	66.4	100.0	29.1	65.8	80.3	72.8	48.9	75.1	36.4	1.134831
1973	86.7	60.7	68.5	70.0	100.0	72.8	68.5	81.4	79.6	50.0	82.3	39.2	1.000000
1974	95.1	60.7	83.9	89.7	100.0	90.5	83.9	92.4	92.5	73.3	90.9	86.4	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	109.7	100.0	106.9	106.9	223.4	100.8	106.9	106.5	107.9	106.0	114.6	123.2	1.000000
1977	118.2	115.6	125.5	113.6	223.4	106.2	125.5	112.4	128.4	108.2	134.2	144.6	1.000000
1978	93.1	73.6	123.4	119.3	255.9	111.7	123.4	115.7	129.9	109.0	100.4	123.4	.627329
1979	82.7	62.7	137.5	133.0	270.7	192.4	137.5	124.8	144.8	127.6	90.5	134.0	.515598
1980	87.1	66.1	154.6	149.5	258.4	260.5	154.6	140.5	153.1	156.6	90.8	160.0	.510387
1981	93.6	71.3	178.8	159.4	252.0	280.1	178.8	155.9	162.6	175.6	93.2	164.7	.510387
1982	98.5	75.0	184.5	163.0	242.2	257.7	184.5	162.4	165.5	170.4	96.8	187.5	.510387
1983	97.2	74.0	186.4	160.1	244.0	246.9	186.4	162.5	171.1	165.7	95.3	192.9	.470496
1984	49.2	37.9	100.1	167.7	247.1	234.6	100.1	86.7	85.9	170.8	47.3	98.4	.224222
1985	43.3	33.2	86.7	173.0	247.3	234.6	86.7	74.8	70.5	177.3	41.0	90.1	.178620

Table 45.—Mining cost indexes for Japan

Year	Local currency index												Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	41.2	44.3	66.8	70.9	64.5	32.4	36.7	67.4	66.2	56.2	80.9	51.5	368.070
1971	45.6	51.1	68.7	66.4	62.8	36.2	36.3	67.4	63.6	54.5	80.8	51.5	347.860
1972	51.0	58.0	72.3	68.0	76.6	36.4	42.9	68.3	66.9	53.2	80.9	51.5	303.170
1973	61.2	68.6	76.7	78.4	70.0	40.7	43.6	75.4	86.8	58.9	82.0	52.5	271.700
1974	86.0	86.0	93.2	103.5	103.0	79.5	77.1	102.9	107.9	90.4	89.9	82.0	292.080
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	296.790
1976	112.2	112.0	104.1	107.4	111.6	108.5	91.6	96.1	106.0	105.3	116.2	110.6	296.560
1977	123.2	121.7	108.0	110.5	113.6	109.2	81.5	97.3	110.6	101.9	142.7	127.3	268.510
1978	131.8	132.4	107.7	113.5	107.5	96.1	76.3	97.5	113.9	90.7	151.3	124.0	210.440
1979	137.0	141.7	113.8	119.4	140.1	118.9	90.3	98.8	127.8	110.5	151.7	124.0	219.140
1980	143.3	152.2	116.2	130.5	152.3	207.4	109.7	109.9	143.0	141.2	222.5	187.9	226.740
1981	151.0	161.8	118.4	131.2	124.0	234.0	130.5	110.1	137.1	135.0	267.8	207.6	220.540
1982	160.2	171.0	119.3	133.5	125.3	268.8	146.0	115.4	137.2	133.5	273.1	207.6	249.050
1983	166.2	177.7	117.6	128.0	117.4	255.3	131.4	119.5	136.2	130.3	278.5	207.6	237.520
1984	171.9	188.5	117.7	129.8	116.9	244.9	131.1	122.6	137.8	129.0	290.9	207.6	230.000
1985	180.1	198.9	118.0	131.6	117.2	233.2	131.8	126.4	142.3	130.3	300.2	207.6	217.000
Year	U.S. currency index												Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	34.1	36.7	55.4	58.8	53.5	26.8	30.4	55.8	54.9	46.6	67.1	42.7	0.828860
1971	38.9	43.6	58.6	56.6	53.6	30.9	30.9	57.5	54.2	46.5	68.9	43.9	.853188
1972	49.9	56.8	70.8	66.6	75.0	35.6	42.0	66.8	65.5	52.1	79.2	50.4	.978955
1973	66.9	74.9	83.8	85.6	76.5	44.5	47.6	82.4	94.8	64.4	89.6	57.4	1.092344
1974	87.4	87.4	94.7	105.2	104.7	80.7	78.3	104.6	109.7	91.8	91.4	83.4	1.016125
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	112.3	112.1	104.2	107.5	111.7	108.6	91.7	96.2	106.0	105.4	116.3	110.7	1.000809
1977	136.2	134.6	119.4	122.1	125.6	120.7	90.1	107.6	122.2	112.6	157.7	140.7	1.105321
1978	185.9	186.7	151.9	160.1	151.6	135.6	107.6	137.5	160.7	127.9	213.4	174.9	1.410330
1979	185.5	191.9	154.1	161.7	189.8	161.0	122.3	133.8	173.1	149.7	205.5	168.0	1.354339
1980	187.6	199.2	152.1	170.8	199.4	271.5	143.6	143.9	187.3	184.8	291.2	246.0	1.308944
1981	203.3	217.7	159.4	176.6	166.9	314.9	175.6	148.2	184.5	181.7	360.5	279.4	1.345742
1982	190.9	203.8	142.2	159.1	149.4	320.3	173.9	137.5	163.6	159.1	325.5	247.4	1.191688
1983	207.7	222.1	146.9	160.0	146.7	319.0	164.2	149.3	170.2	162.8	348.0	259.4	1.249536
1984	221.8	243.2	151.9	167.5	150.8	316.1	169.1	158.2	177.8	166.5	375.3	267.9	1.290391
1985	246.3	272.0	161.4	180.0	160.3	319.0	180.2	172.9	194.6	178.2	410.5	284.0	1.367695

Table 46.—Mining cost indexes for Jordan

Year	Local currency index												Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	54.0	71.2	58.8	57.0	48.5	94.4	58.1	61.0	70.3	75.1	77.0	91.1	0.357
1971	57.7	73.4	61.5	50.5	49.1	94.4	59.2	62.1	67.4	77.8	77.9	95.0	.357
1972	61.1	76.7	63.2	52.5	54.1	94.4	67.8	68.6	71.7	78.8	78.3	96.4	.357
1973	66.2	82.2	60.6	73.9	68.3	94.4	76.0	73.0	84.2	77.1	78.8	99.3	.327
1974	88.9	91.4	73.9	104.8	99.6	94.4	90.6	99.9	100.0	101.4	78.8	100.0	.321
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.319
1976	121.3	138.0	124.2	86.4	99.4	125.0	105.6	97.1	124.4	98.7	115.7	106.7	.332
1977	130.7	182.8	133.5	84.0	104.0	125.0	114.4	103.0	131.1	105.6	124.7	107.1	.329
1978	145.3	209.2	136.0	92.4	102.6	125.0	123.9	105.6	141.3	111.1	150.6	115.3	.307
1979	144.4	221.5	147.9	100.5	110.4	175.0	122.9	110.7	154.5	125.8	187.3	158.8	.301
1980	155.6	245.4	168.3	115.0	143.4	223.0	144.6	127.0	188.9	141.9	249.6	198.0	.299
1981	167.3	276.1	203.9	139.2	161.2	252.2	149.0	155.1	200.9	141.9	311.5	225.3	.326
1982	180.6	304.5	239.8	139.7	149.6	286.4	159.8	149.9	199.6	153.1	339.5	249.0	.353
1983	188.1	323.0	248.0	126.3	139.3	303.4	133.4	162.2	203.5	141.4	362.9	262.8	.363
1984	194.2	338.0	264.6	139.8	137.2	304.4	122.1	183.3	205.1	140.7	375.9	263.6	.384
1985	201.4	355.9	265.7	149.1	137.2	304.4	117.5	200.1	209.4	138.9	395.6	263.6	.383
Year	U.S. currency index												Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	48.2	63.7	52.5	50.9	43.3	84.4	51.9	54.5	62.8	67.1	68.8	81.4	0.893557
1971	51.6	65.6	55.0	45.1	43.9	84.4	52.9	55.5	60.2	69.5	69.6	84.9	.893557
1972	54.6	68.5	56.4	47.0	48.3	84.4	60.5	61.2	64.1	70.4	70.0	86.1	.893557
1973	64.6	80.2	59.1	72.1	66.6	92.1	74.1	71.2	82.2	75.2	76.9	96.9	.975535
1974	88.3	90.8	73.5	104.2	99.0	93.8	90.1	99.3	99.4	100.7	78.3	99.4	.993769
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	116.6	132.6	119.3	83.0	95.5	120.1	101.4	93.3	119.5	94.8	111.2	102.5	.960843
1977	126.7	177.3	129.4	81.5	100.9	121.2	110.9	99.9	127.1	102.4	120.9	103.8	.969604
1978	151.0	217.4	141.4	96.0	106.6	129.9	128.8	109.7	146.8	115.4	156.5	119.8	1.039087
1979	153.1	234.7	156.7	106.5	117.0	185.5	130.3	117.4	163.7	133.4	198.5	168.3	1.069800
1980	166.0	261.8	179.5	122.7	153.0	238.0	154.3	135.6	201.5	151.4	266.3	211.2	1.066889
1981	163.7	270.1	199.6	136.2	157.7	246.8	145.8	151.7	196.6	138.9	304.8	220.5	.978527
1982	163.2	275.2	216.7	126.3	135.1	258.8	144.4	135.4	180.4	138.4	306.8	225.0	.903682
1983	165.3	283.9	217.9	111.0	122.4	266.6	117.2	142.5	178.8	124.3	318.9	230.9	.878787
1984	161.3	280.8	219.8	116.1	114.0	252.9	101.4	152.3	171.2	116.9	312.3	219.0	.830729
1985	167.8	296.4	221.3	124.2	114.3	253.5	97.9	166.7	174.4	115.7	329.5	219.6	.832898

Table 47.—Mining cost indexes for Kenya

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	67.8	74.4	38.1	42.5	62.4	49.5	55.1	50.4	45.8	42.0	92.2	91.4	7.143
1971	78.4	75.6	48.1	40.0	67.2	34.8	62.3	55.0	45.1	38.5	95.1	87.8	7.143
1972	65.3	77.3	53.4	46.3	74.2	37.3	69.6	64.0	50.4	43.7	91.2	84.8	7.143
1973	81.2	80.3	64.2	58.8	82.1	51.3	70.7	72.0	56.5	58.5	94.4	85.9	7.001
1974	81.4	81.7	78.8	88.0	90.9	84.5	80.6	91.4	77.7	79.0	97.2	87.6	7.143
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	7.343
1976	101.0	109.0	105.6	103.0	123.2	112.8	111.1	106.4	125.1	111.8	102.8	108.3	8.367
1977	114.0	118.1	120.4	110.6	145.5	124.6	122.6	123.7	126.5	111.8	110.8	116.7	8.277
1978	123.2	128.2	137.3	128.5	135.7	153.2	141.6	148.7	143.8	112.9	123.2	125.0	7.729
1979	136.8	137.0	152.0	140.7	144.4	166.6	170.7	162.1	157.4	155.4	121.0	136.2	7.475
1980	157.8	138.4	166.8	151.1	161.3	223.1	211.5	190.8	186.5	199.0	125.2	147.5	7.420
1981	190.0	138.4	186.3	197.0	196.6	279.5	252.9	237.1	208.5	211.8	129.6	175.6	9.047
1982	247.2	168.6	262.9	221.0	220.0	320.8	350.4	258.0	257.9	248.2	136.0	220.4	10.922
1983	274.2	176.8	298.1	234.1	243.1	349.7	409.0	310.4	289.6	294.1	139.9	251.2	13.312
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	69.7	76.5	39.2	43.7	64.1	50.9	56.7	51.9	47.1	43.1	94.8	94.0	1.027999
1971	80.6	77.7	49.4	41.1	69.0	35.8	64.0	56.6	46.4	39.5	97.8	90.3	1.027999
1972	67.2	79.5	54.9	47.6	76.3	38.4	71.5	65.8	51.8	44.9	93.8	87.2	1.027999
1973	85.2	84.2	67.4	61.6	86.1	53.8	74.1	75.5	59.3	61.4	99.0	90.1	1.048850
1974	83.7	84.0	81.0	90.5	93.5	86.9	82.9	93.9	79.9	81.3	99.9	90.1	1.027999
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	88.7	95.7	92.7	90.3	108.1	99.0	97.5	93.4	109.8	98.1	90.2	95.1	.877614
1977	101.2	104.8	106.8	98.1	129.1	110.6	108.8	109.7	112.2	99.2	98.3	103.5	.887157
1978	117.1	121.8	130.4	122.1	128.9	145.5	134.5	141.3	136.6	107.3	117.0	118.8	.950068
1979	134.4	134.6	149.4	138.2	141.8	163.7	167.7	159.2	154.6	152.6	118.9	133.8	.982341
1980	156.1	137.0	165.1	149.6	159.6	220.8	209.3	188.8	184.6	196.9	123.9	146.0	.989622
1981	154.2	112.3	151.2	159.9	159.6	226.9	205.3	192.4	169.2	171.9	105.2	142.5	.811650
1982	166.2	113.4	176.7	148.5	147.9	215.6	235.5	173.4	173.4	166.8	91.4	154.9	.672312
1983	151.2	97.5	164.4	129.1	134.1	192.9	225.6	171.2	159.7	162.2	77.1	138.5	.551607

Table 48.—Mining cost indexes for Korea

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	34.0	39.4	57.9	52.0	40.8	14.8	40.6	57.1	46.6	49.9	45.4	44.8	310.570
1971	40.6	43.3	61.3	53.2	41.4	18.4	40.6	59.8	47.3	51.3	46.1	44.8	348.200
1972	46.0	52.0	67.8	53.2	52.1	23.7	41.1	66.3	51.7	54.8	57.0	51.0	392.900
1973	55.7	59.7	69.7	60.6	70.1	27.3	46.6	75.4	58.4	58.0	59.0	49.4	398.320
1974	75.1	71.4	83.1	84.8	99.2	78.9	60.2	95.3	81.5	78.4	80.5	67.5	400.430
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	484.000
1976	120.9	187.2	107.1	102.4	113.8	107.9	185.4	103.5	107.6	123.8	143.9	114.0	484.000
1977	171.7	250.9	111.7	105.1	131.0	109.2	185.4	102.2	118.5	127.3	175.8	131.5	484.000
1978	233.6	361.7	116.3	112.9	142.3	114.5	185.4	103.5	126.6	131.4	188.6	136.7	484.000
1979	304.1	402.4	128.2	142.4	213.8	158.9	186.5	134.8	168.7	146.4	219.4	199.7	484.000
1980	372.0	418.4	148.4	174.5	281.7	328.9	231.9	196.9	246.3	196.5	292.8	324.7	607.430
1981	445.9	519.2	165.9	195.3	280.3	444.7	335.6	216.1	281.0	232.4	382.5	407.8	681.030
1982	491.6	594.2	179.1	205.1	272.4	488.5	377.5	224.4	295.1	243.2	435.4	441.9	731.130
1983	519.2	607.6	181.6	206.6	245.6	463.5	377.5	224.6	299.3	241.7	441.5	431.8	775.750
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	53.0	61.5	90.2	81.1	63.7	23.1	63.3	89.0	72.6	77.8	70.8	69.9	1.558424
1971	56.4	60.2	85.2	74.0	57.6	25.6	56.5	83.2	65.8	71.3	64.1	62.3	1.390005
1972	56.7	64.0	83.5	65.6	64.2	29.2	50.6	81.7	63.7	67.5	70.3	62.8	1.231865
1973	67.6	72.5	84.7	73.6	85.2	33.2	56.6	91.6	70.9	70.4	71.7	60.0	1.215103
1974	90.8	86.3	100.4	102.5	119.9	95.4	72.8	115.2	98.6	94.8	97.3	81.6	1.208700
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	120.9	187.2	107.1	102.4	113.8	107.9	185.4	103.5	107.6	123.8	143.9	114.0	1.000000
1977	171.7	250.9	111.7	105.1	131.0	109.2	185.4	102.2	118.5	127.3	175.8	131.5	1.000000
1978	233.6	361.7	116.3	112.9	142.3	114.5	185.4	103.5	126.6	131.4	188.6	136.7	1.000000
1979	304.1	402.4	128.2	142.4	213.8	158.9	186.5	134.8	168.7	146.4	219.4	199.7	1.000000
1980	296.4	333.4	118.2	139.0	224.4	262.1	184.8	156.8	196.2	156.5	233.3	258.7	.796799
1981	316.9	399.0	117.9	138.8	199.2	316.1	238.5	153.6	199.7	165.2	271.8	289.8	.710688
1982	325.4	393.3	118.5	135.7	180.3	323.4	249.9	148.5	195.3	161.0	288.2	292.5	.661988
1983	323.9	379.0	113.3	128.9	153.2	289.2	235.5	140.1	186.7	150.8	275.4	289.4	.623912

Table 49.—Mining cost indexes for Liberia

Year	Local currency index												Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	55.8	55.8	52.6	60.2	34.0	12.4	76.0	54.5	46.6	47.0	84.8	46.8	1.000
1971	56.3	56.3	55.0	63.4	35.2	16.1	79.5	55.5	48.4	53.5	87.2	53.0	1.000
1972	59.2	59.2	56.5	66.4	41.5	16.7	81.0	61.3	53.4	54.5	86.7	54.4	1.000
1973	62.0	62.0	59.1	70.0	105.5	41.8	82.2	71.2	86.2	65.3	87.2	55.0	1.000
1974	70.6	70.6	73.7	89.7	95.2	93.4	92.2	99.6	91.9	111.3	90.0	96.2	1.000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000
1976	99.7	99.7	119.5	106.9	112.4	100.0	105.4	93.4	108.4	104.6	98.1	103.8	1.000
1977	112.3	112.3	129.5	113.6	125.4	104.5	107.1	99.9	118.9	110.5	114.2	107.6	1.000
1978	118.4	118.4	141.8	119.3	150.9	112.5	100.0	110.0	133.7	125.4	120.1	117.1	1.000
1979	129.1	129.1	157.1	133.0	167.1	261.4	107.0	117.7	147.9	155.2	118.9	141.4	1.000
1980	141.0	141.0	179.9	149.5	198.7	318.2	127.3	135.9	171.8	156.6	152.0	192.7	1.000
1981	140.2	140.2	200.2	159.4	168.1	350.6	142.2	152.5	159.9	152.5	146.5	239.8	1.000
1982	143.2	143.2	217.3	163.0	138.9	320.2	144.2	148.7	146.6	160.4	152.1	258.2	1.000
1983	144.3	144.3	218.3	160.1	118.9	295.7	136.2	149.0	134.8	157.1	155.4	271.4	1.000
1984	144.3	144.3	220.1	166.7	109.1	291.4	134.9	152.4	132.7	157.1	156.2	278.8	1.000
1985	144.3	144.3	221.5	172.2	131.3	281.1	137.1	166.9	147.0	157.1	157.3	283.7	1.000
Year	U.S. currency index												Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	55.8	55.8	52.6	60.2	34.0	12.4	76.0	54.5	46.6	47.0	84.8	46.8	1.000000
1971	56.3	56.3	55.0	63.4	35.2	16.1	79.5	55.5	48.4	53.5	87.2	53.0	1.000000
1972	59.2	59.2	56.5	66.4	41.5	16.7	81.0	61.3	53.4	54.5	86.7	54.4	1.000000
1973	62.0	62.0	59.1	70.0	105.5	41.8	82.2	71.2	86.2	65.3	87.2	55.0	1.000000
1974	70.6	70.6	73.7	89.7	95.2	93.4	92.2	99.6	91.9	111.3	90.0	96.2	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	99.7	99.7	119.5	106.9	112.4	100.0	105.4	93.4	108.4	104.6	98.1	103.8	1.000000
1977	112.3	112.3	129.5	113.6	125.4	104.5	107.1	99.9	118.9	110.5	114.2	107.6	1.000000
1978	118.4	118.4	141.8	119.3	150.9	112.5	100.0	110.0	133.7	125.4	120.1	117.1	1.000000
1979	129.1	129.1	157.1	133.0	167.1	261.4	107.0	117.7	147.9	155.2	118.9	141.4	1.000000
1980	141.0	141.0	179.9	149.5	198.7	318.2	127.3	135.9	171.8	156.6	152.0	192.7	1.000000
1981	140.2	140.2	200.2	159.4	168.1	350.6	142.2	152.5	159.9	152.5	146.5	239.8	1.000000
1982	143.2	143.2	217.3	163.0	138.9	320.2	144.2	148.7	146.6	160.4	152.1	258.2	1.000000
1983	144.3	144.3	218.3	160.1	118.9	295.7	136.2	149.0	134.8	157.1	155.4	271.4	1.000000
1984	144.3	144.3	220.1	166.7	109.1	291.4	134.9	152.4	132.7	157.1	156.2	278.8	1.000000
1985	144.3	144.3	221.5	172.2	131.3	281.1	137.1	166.9	147.0	157.1	157.3	283.7	1.000000

Table 50.—Mining cost indexes for Libya

Year	Local currency index												Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	76.8	76.8	63.5	64.0	41.0	112.2	62.9	65.8	63.9	56.9	81.7	112.2	0.357
1971	76.8	76.8	61.1	56.0	39.1	108.9	59.0	61.7	60.8	52.6	79.2	180.9	.329
1972	66.4	66.4	62.8	59.8	46.1	86.3	67.3	68.1	65.3	56.8	79.2	86.3	.329
1973	78.5	78.5	59.8	79.6	106.8	89.6	75.1	72.1	68.6	70.1	85.3	89.6	.300
1974	91.5	91.5	73.7	116.8	95.2	93.4	90.3	99.6	84.9	117.9	91.6	93.4	.296
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.296
1976	112.2	112.2	119.5	98.8	112.4	105.3	101.6	93.4	90.8	95.8	105.4	105.3	.296
1977	155.5	155.5	129.5	97.7	125.4	105.8	111.0	99.9	101.7	100.1	112.1	105.8	.296
1978	172.0	172.0	141.8	120.8	150.9	107.1	129.2	110.0	114.3	107.9	145.0	107.1	.296
1979	190.2	190.2	157.1	149.3	167.1	115.2	143.9	117.7	134.8	128.8	137.1	115.2	.296
1980	207.3	207.3	179.9	157.8	198.7	140.5	154.6	135.9	171.1	159.4	149.4	118.1	.296
1981	226.0	226.0	200.2	122.3	168.1	146.9	146.2	152.5	156.0	140.7	162.9	122.1	.296
1982	239.5	239.5	217.3	123.6	138.9	139.7	144.8	148.7	135.8	137.0	172.7	126.0	.296
1983	253.0	253.0	218.3	124.1	118.9	132.3	115.4	149.0	124.3	135.4	182.4	130.0	.296
Year	U.S. currency index												Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	63.7	63.7	52.6	53.1	34.0	93.0	52.1	54.5	53.0	47.2	67.7	93.0	0.829131
1971	69.1	69.1	55.0	50.3	35.1	97.9	53.1	55.5	54.7	47.4	71.3	162.7	.899696
1972	59.8	59.8	56.5	53.8	41.5	77.6	60.6	61.3	58.8	51.1	71.3	77.6	.899696
1973	77.4	77.4	59.0	78.5	105.4	88.4	74.1	71.1	67.7	69.2	84.2	88.4	.966666
1974	91.5	91.5	73.7	116.8	95.2	93.4	90.3	99.6	84.9	117.9	91.6	93.4	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	112.2	112.2	119.5	98.8	112.4	105.3	101.6	93.4	90.8	95.8	105.4	105.3	1.000000
1977	155.5	155.5	129.5	97.7	125.4	105.8	111.0	99.9	101.7	100.1	112.1	105.8	1.000000
1978	172.0	172.0	141.8	120.8	150.9	107.1	129.2	110.0	114.3	107.9	145.0	107.1	1.000000
1979	190.2	190.2	157.1	149.3	167.1	115.2	143.9	117.7	134.8	128.8	137.1	115.2	1.000000
1980	207.3	207.3	179.9	157.8	198.7	140.5	154.6	135.9	171.1	159.4	149.4	118.1	1.000000
1981	226.0	226.0	200.2	122.3	168.1	146.9	146.2	152.5	156.0	140.7	162.9	122.1	1.000000
1982	239.5	239.5	217.3	123.6	138.9	139.7	144.8	148.7	135.8	137.0	172.7	126.0	1.000000
1983	253.0	253.0	218.3	124.1	118.9	132.3	115.4	149.0	124.3	135.4	182.4	130.0	1.000000

Table 51.—Mining cost indexes for Madagascar

Year	Local currency index												Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	52.3	52.3	68.9	51.8	67.6	68.4	67.2	67.1	54.5	59.3	97.6	86.6	277.710
1971	58.2	58.2	71.7	55.4	69.7	71.2	70.8	70.0	56.4	61.5	97.8	83.1	277.130
1972	64.6	64.6	74.3	57.2	71.0	72.8	72.7	73.8	57.4	63.8	99.4	83.0	252.210
1973	71.9	71.9	77.0	66.9	74.1	72.3	73.1	76.7	66.3	68.5	97.6	83.6	222.700
1974	100.0	100.0	88.5	96.3	78.7	81.6	89.4	80.5	87.7	91.9	100.7	93.6	240.500
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	214.320
1976	107.6	107.6	110.8	107.5	100.0	108.3	110.2	109.7	103.3	104.9	104.7	98.9	238.980
1977	113.6	113.6	117.7	114.3	104.3	119.0	116.6	128.9	111.6	110.3	100.0	105.3	245.670
1978	124.0	124.0	129.6	126.6	114.9	125.1	124.4	140.7	115.0	115.1	102.6	111.2	225.640
1979	124.0	124.0	144.1	143.3	146.8	160.7	140.0	146.2	131.3	133.7	118.1	134.8	212.720
1980	143.0	143.0	160.9	153.2	185.1	211.9	160.0	157.4	150.4	160.4	139.6	156.2	211.300
1981	152.0	152.0	180.6	156.2	235.7	343.0	178.7	175.8	178.7	183.8	182.2	183.2	271.300
1982	189.7	189.7	254.8	213.0	292.9	379.5	206.4	211.9	213.5	221.8	227.7	273.2	349.710
1983	220.9	220.9	307.0	250.6	365.2	417.4	237.1	242.4	239.1	258.2	275.0	312.8	430.450
1984	239.1	239.1	402.5	325.2	498.6	522.4	264.7	259.4	273.9	333.6	306.8	347.8	576.600
1985	268.3	268.3	362.2	349.2	531.9	452.1	281.8	255.4	331.2	359.2	353.7	401.8	510.243
Year	U.S. currency index												Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	40.4	40.4	53.1	39.9	52.2	52.8	51.9	51.8	42.1	45.8	75.3	66.8	0.771740
1971	45.0	45.0	55.4	42.8	53.9	55.1	54.7	54.2	43.6	47.5	75.6	64.3	.773355
1972	54.9	54.9	63.1	48.6	60.4	61.8	61.8	62.7	48.8	54.2	84.5	70.5	.849768
1973	69.1	69.1	74.1	64.4	71.3	69.6	70.3	73.8	63.8	65.9	93.9	80.4	.962370
1974	89.1	89.1	78.8	85.8	70.1	72.7	79.6	71.7	78.2	81.9	89.7	83.4	.891143
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	96.5	96.5	99.4	96.4	89.7	97.1	98.8	98.4	92.7	94.0	93.9	88.7	.896811
1977	99.1	99.1	102.7	99.7	90.9	103.8	101.7	112.4	97.4	96.2	87.2	91.9	.872389
1978	117.8	117.8	123.1	120.2	109.1	118.8	118.1	133.6	109.3	109.3	97.5	105.6	.949831
1979	124.9	124.9	145.2	144.4	147.9	162.0	141.1	147.3	132.3	134.7	118.9	135.8	1.007521
1980	145.0	145.0	163.2	155.4	187.8	214.9	162.3	159.6	152.5	162.7	141.6	158.5	1.014292
1981	120.1	120.1	142.7	123.3	233.6	271.0	141.2	138.9	141.1	145.2	144.0	144.7	.789974
1982	116.3	116.3	156.1	130.5	179.5	232.5	126.4	129.8	130.9	135.9	139.5	167.4	.612850
1983	110.0	110.0	152.8	124.7	181.8	207.8	118.0	120.6	119.0	128.5	136.9	155.7	.497897
1984	88.9	88.9	149.6	120.8	185.3	194.1	98.4	96.4	101.8	124.0	114.0	129.3	.371696
1985	112.7	112.7	152.1	146.6	223.4	189.9	118.3	107.2	139.1	150.8	148.5	168.8	.420035

Table 52.—Mining cost indexes for Malawi

Year	Local currency index												Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	50.2	84.5	50.7	47.1	32.8	41.0	26.6	52.6	56.5	57.5	75.4	74.1	0.833
1971	43.6	76.1	52.9	48.5	33.8	45.2	23.9	53.4	58.4	59.2	75.5	74.5	.831
1972	48.3	76.8	52.4	47.4	38.5	46.2	27.0	56.9	54.8	55.4	76.0	67.2	.802
1973	52.5	79.5	56.1	64.6	100.1	46.3	39.3	67.5	69.4	67.2	77.4	79.8	.819
1974	70.0	90.8	71.8	80.6	92.7	89.1	70.7	97.0	86.0	86.0	89.5	92.5	.841
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.864
1976	81.0	102.5	126.3	103.8	118.8	117.1	71.0	98.7	104.5	98.1	120.7	95.0	.913
1977	79.5	107.4	135.4	114.9	131.1	132.4	75.1	104.4	115.8	109.4	131.9	97.4	.903
1978	87.6	123.5	138.5	120.5	147.4	145.2	72.5	107.4	119.0	113.4	134.2	93.4	.844
1979	98.2	124.7	148.6	143.0	158.0	220.7	75.7	111.3	138.5	127.7	136.9	109.9	.817
1980	92.6	155.4	169.2	174.5	186.8	262.0	97.4	127.7	172.2	161.1	150.1	128.2	.812
1981	103.6	130.5	207.5	193.8	174.2	275.6	141.7	158.1	189.8	173.5	160.0	139.3	.895
1982	93.8	146.5	265.5	215.0	169.8	306.0	109.3	181.7	210.9	189.9	203.8	163.1	1.055
1983	105.3	159.1	296.9	263.2	161.7	323.4	125.9	202.7	260.6	225.4	222.5	175.8	1.175
Year	U.S. currency index												Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	52.1	87.6	52.6	48.9	34.0	42.5	27.6	54.6	58.6	59.7	78.2	76.9	1.037214
1971	45.4	79.1	55.0	50.4	35.2	47.0	24.9	55.5	60.7	61.5	78.5	77.5	1.039711
1972	52.0	82.7	56.5	51.1	41.5	49.8	29.1	61.3	59.1	59.7	81.9	72.4	1.077306
1973	55.4	83.8	59.1	68.1	105.6	48.9	41.4	71.3	73.2	70.9	81.7	84.2	1.054945
1974	71.9	93.3	73.7	82.8	95.2	91.5	72.7	99.7	88.4	88.4	92.0	95.0	1.027348
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	76.7	97.0	119.5	98.3	112.4	110.8	67.2	93.4	98.9	92.9	114.3	89.9	.946330
1977	76.1	102.7	129.5	109.9	125.4	126.7	71.9	99.9	110.8	104.6	126.2	93.2	.956810
1978	89.7	126.4	141.7	123.4	150.9	148.6	74.2	110.0	121.8	116.1	137.4	95.7	1.023886
1979	103.9	131.9	157.2	151.3	167.1	233.4	80.0	117.7	146.5	135.0	144.8	116.2	1.057527
1980	98.5	165.4	180.0	185.6	198.8	278.7	103.6	135.9	183.2	171.4	159.8	136.4	1.064039
1981	100.0	125.9	200.3	187.1	168.2	266.0	136.7	152.6	183.2	167.5	154.4	134.5	.965363
1982	76.8	120.0	217.4	176.0	139.0	250.6	89.5	148.8	172.7	155.5	166.9	133.6	.818957
1983	77.4	117.0	218.3	193.5	118.9	237.8	92.6	149.0	191.6	165.7	163.6	129.2	.735319

Table 53.—Mining cost indexes for Malaysia

Year	Local currency index												Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	72.4	67.7	74.3	66.6	71.8	23.2	35.7	69.5	69.2	61.4	77.9	58.1	3.061
1971	74.0	69.6	77.8	68.1	70.0	26.9	31.0	70.6	69.4	60.1	79.4	59.3	3.052
1972	75.1	73.8	78.7	71.2	76.8	24.3	29.1	72.0	74.5	59.3	77.9	60.0	2.820
1973	78.1	84.0	78.0	82.3	75.4	36.1	36.6	72.5	84.8	62.9	86.8	59.7	2.443
1974	91.3	88.2	89.0	118.2	86.2	89.7	63.1	99.8	102.9	96.8	100.0	71.7	2.407
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	2.402
1976	105.5	107.4	110.2	104.4	106.9	119.3	59.0	98.8	107.8	96.9	105.6	104.3	2.542
1977	107.1	114.9	120.5	104.8	94.9	124.3	55.8	102.4	105.1	96.1	110.1	116.1	2.461
1978	116.7	121.9	134.9	119.4	117.9	117.0	65.3	106.1	117.5	94.3	117.8	119.0	2.316
1979	122.1	130.9	136.4	130.0	185.6	141.2	75.5	107.2	142.5	101.6	122.7	114.7	2.188
1980	138.5	144.1	133.5	133.7	201.3	216.5	99.7	123.2	157.4	113.8	132.3	128.8	2.177
1981	157.9	166.8	146.4	150.0	181.1	240.6	111.2	146.3	168.9	132.2	144.3	172.6	2.304
1982	159.3	168.4	143.0	145.9	176.5	229.5	86.3	132.1	166.9	130.6	149.8	186.6	2.335
1983	166.7	177.0	142.7	128.0	176.7	203.3	73.6	138.0	167.0	127.2	153.6	180.3	2.321
1984	167.0	177.9	144.1	135.1	180.1	205.6	76.6	145.7	173.2	135.6	155.7	165.0	2.344
1985	177.4	189.7	149.6	146.9	183.4	196.6	79.8	155.8	182.3	137.8	164.0	166.3	2.292
Year	U.S. currency index												Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	56.8	53.1	58.3	52.3	56.4	18.2	28.0	54.5	54.3	48.2	61.2	45.6	0.784710
1971	58.3	54.7	61.2	53.6	55.0	21.2	24.3	55.5	54.6	47.3	62.5	46.7	.787024
1972	64.0	62.8	67.0	60.6	65.4	20.7	24.8	61.3	63.4	50.5	66.4	51.1	.851773
1973	76.8	82.6	76.7	80.9	93.8	35.5	36.0	71.2	83.4	61.9	85.3	58.7	.983217
1974	91.1	88.0	88.8	118.0	86.0	89.5	63.0	99.6	102.7	96.6	99.8	71.6	.997922
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	99.7	101.4	104.1	98.6	101.0	112.7	55.7	93.4	101.8	91.5	99.8	98.5	.944925
1977	104.5	112.1	117.6	102.3	92.6	121.3	54.5	99.9	102.5	93.8	107.5	113.3	.976026
1978	121.0	126.5	139.9	123.8	122.3	121.3	67.7	110.0	121.9	97.8	122.2	123.4	1.037132
1979	134.1	143.7	149.7	142.7	203.8	155.0	82.9	117.7	156.5	111.5	134.7	125.9	1.097806
1980	152.8	159.0	147.3	147.5	222.1	238.9	110.0	135.9	173.6	125.6	146.0	142.1	1.103353
1981	164.6	173.9	152.6	156.4	188.8	250.8	115.9	152.6	176.1	137.9	150.4	180.0	1.042534
1982	163.9	173.2	147.1	150.1	181.6	236.0	88.8	135.9	171.7	134.3	154.1	191.9	1.028693
1983	172.6	183.2	147.6	132.5	182.9	210.4	76.2	142.8	172.9	131.7	159.0	186.6	1.034898
1984	171.2	182.3	147.7	138.4	184.5	210.7	78.5	149.3	177.5	139.0	159.5	169.1	1.024744
1985	185.9	198.8	156.8	153.9	192.2	206.0	83.7	163.2	191.1	144.4	171.9	174.3	1.047993

Table 54.—Mining cost indexes for Mali

Year	Local currency index												Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	34.7	34.7	62.6	59.7	44.0	62.6	66.9	60.4	56.5	61.5	81.6	94.6	555.420
1971	45.3	45.3	66.0	62.8	45.5	64.7	70.4	67.3	56.5	63.5	79.5	95.1	554.260
1972	48.9	48.9	69.1	64.3	48.8	65.6	72.7	72.8	57.1	65.7	74.9	95.2	504.430
1973	61.2	61.2	72.3	72.4	109.7	66.3	73.1	76.4	61.0	70.2	73.7	95.3	445.400
1974	97.8	97.8	86.2	96.9	106.8	100.9	89.4	91.7	79.7	92.4	79.7	100.1	480.990
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	428.640
1976	102.2	102.2	113.0	106.2	125.3	110.6	110.2	129.0	111.8	104.6	120.3	101.5	477.960
1977	102.2	102.2	121.3	112.0	143.8	119.8	116.6	120.6	118.2	109.7	120.1	102.8	491.340
1978	104.5	104.5	135.6	122.2	158.9	118.5	124.4	131.4	132.0	114.3	119.9	103.7	451.280
1979	104.5	104.5	153.0	136.1	165.8	132.7	140.0	154.1	157.1	131.9	119.9	103.7	425.450
1980	123.9	123.9	173.1	144.4	195.9	162.7	160.0	180.9	192.0	157.2	119.9	134.6	422.600
1981	137.4	137.4	196.8	146.8	213.1	237.0	179.0	204.7	229.4	179.5	119.9	134.6	543.460
1982	140.4	140.4	222.5	182.3	213.0	267.5	193.9	227.7	257.5	202.2	153.7	194.6	657.240
1983	150.0	150.0	241.4	199.4	211.5	277.2	209.9	248.1	273.6	220.9	161.7	194.6	762.130
Year	U.S. currency index												Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	
1970	26.8	26.8	48.3	46.1	34.0	48.3	51.6	46.6	43.6	47.4	63.0	73.0	0.771740
1971	35.0	35.0	51.0	48.6	35.1	50.1	54.4	52.0	43.7	49.1	61.4	73.5	.773355
1972	41.6	41.6	58.7	54.6	41.5	55.7	61.8	61.9	48.5	55.8	63.6	80.9	.849751
1973	58.9	58.9	69.6	69.7	105.5	63.8	70.3	73.6	58.7	67.5	71.0	91.7	.962370
1974	87.1	87.1	76.8	86.4	95.2	90.0	79.6	81.7	71.0	82.3	71.0	89.2	.891161
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	91.7	91.7	101.3	95.3	112.4	99.2	98.8	115.7	100.2	93.8	107.9	91.0	.896811
1977	89.2	89.2	105.8	97.7	125.4	104.5	101.7	105.2	103.1	95.7	104.8	89.6	.872399
1978	99.2	99.2	128.8	116.0	150.9	112.5	118.1	124.8	125.4	108.6	113.9	98.5	.949831
1979	105.2	105.2	154.1	137.1	167.1	133.7	141.1	155.3	158.3	132.9	120.8	104.4	1.007497
1980	125.6	125.6	175.6	146.4	198.7	165.0	162.3	183.5	194.7	159.5	121.6	136.5	1.014292
1981	108.4	108.4	155.2	115.8	168.1	186.9	141.2	161.4	180.9	141.6	94.5	106.1	.788724
1982	91.6	91.6	145.1	118.9	138.9	174.4	126.4	148.5	167.9	131.8	100.2	126.9	.652181
1983	84.3	84.3	135.7	112.1	118.9	155.9	118.0	139.5	153.9	124.2	90.9	109.4	.562423

Table 55.—Mining cost indexes for Mauritania

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	83.2	83.2	62.4	59.6	43.7	67.1	66.7	60.2	66.7	61.3	46.4	100.0	55.542
1971	82.1	82.1	65.9	62.7	45.1	67.1	70.2	67.2	65.4	63.4	66.3	100.0	55.426
1972	80.6	80.6	68.6	63.8	48.4	77.6	72.2	72.3	58.7	65.3	65.6	100.0	50.443
1973	87.4	87.4	71.8	71.9	108.9	79.9	72.5	75.9	58.2	69.7	75.1	100.0	44.540
1974	102.9	102.9	80.3	90.4	99.6	100.0	83.3	85.5	92.6	86.1	87.0	100.0	45.176
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	43.181
1976	111.1	111.1	105.5	99.2	117.0	112.1	102.9	120.5	103.9	97.7	115.3	112.1	44.959
1977	111.1	111.1	112.0	103.3	132.7	125.5	107.6	111.3	108.2	101.3	133.0	125.5	45.684
1978	115.8	115.8	137.6	124.0	161.4	131.4	126.3	133.4	130.5	116.1	133.0	131.4	46.157
1979	122.3	122.3	163.8	145.7	177.5	144.3	149.9	165.0	161.1	141.3	146.9	137.0	45.890
1980	130.6	130.6	186.7	155.7	211.3	158.9	172.6	195.2	195.9	169.6	164.8	144.1	45.916
1981	146.9	146.9	173.5	129.4	187.9	187.4	157.8	180.4	191.6	158.2	199.8	158.1	48.258
1982	160.0	160.0	175.3	143.6	167.8	210.3	152.7	179.3	192.1	159.3	227.9	169.4	52.153
1983	163.1	163.1	172.6	142.6	151.0	215.7	150.1	177.4	185.7	158.0	234.5	172.0	54.819
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	64.7	64.7	48.5	46.3	34.0	52.2	51.9	46.8	51.9	47.7	36.1	77.7	0.777447
1971	64.0	64.0	51.3	48.8	35.1	52.3	54.7	52.3	51.0	49.4	51.6	77.9	.779074
1972	69.0	69.0	58.7	54.6	41.5	66.4	61.8	61.9	50.2	55.8	56.2	85.6	.856035
1973	84.7	84.7	69.6	69.7	105.5	77.4	70.3	73.6	56.5	67.5	72.8	96.9	.969488
1974	98.4	98.4	76.8	86.4	95.2	95.6	79.6	81.7	88.5	82.3	83.1	95.6	.956839
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	106.7	106.7	101.3	95.3	112.4	107.7	98.8	115.7	99.8	93.8	110.7	107.7	.960452
1977	105.0	105.0	105.8	97.7	125.4	118.6	101.7	105.2	102.2	95.7	125.7	118.6	.945210
1978	108.3	108.3	128.8	116.0	150.9	122.9	118.1	124.8	122.1	108.6	124.4	122.9	.935524
1979	115.1	115.1	154.1	137.1	167.1	135.8	141.0	155.3	151.6	132.9	138.3	128.9	.940967
1980	122.8	122.8	175.6	146.4	198.7	149.4	162.3	183.5	184.2	159.5	155.0	135.5	.940434
1981	131.5	131.5	155.2	115.8	168.1	167.7	141.2	161.4	171.4	141.6	178.8	141.5	.894794
1982	132.5	132.5	145.1	118.9	138.9	174.1	126.5	148.5	159.1	131.9	189.7	140.2	.827967
1983	128.5	128.5	136.0	112.3	118.9	169.9	118.2	139.7	146.3	124.4	184.7	135.5	.787701

Table 56.—Mining cost indexes for Mexico

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	48.0	46.1	73.0	57.1	40.2	39.3	61.0	80.2	60.6	68.6	72.3	75.4	12.500
1971	56.8	53.4	75.8	58.1	35.2	39.9	64.4	80.3	63.6	69.9	71.5	79.4	12.500
1972	72.2	58.0	74.2	59.1	33.6	40.6	65.8	80.3	64.2	70.7	72.3	79.4	12.500
1973	85.9	66.3	77.8	66.3	44.3	43.1	68.5	81.4	67.3	75.7	72.3	83.5	12.500
1974	91.2	91.1	80.2	85.4	86.1	75.3	83.9	92.4	81.2	89.9	73.0	97.4	12.500
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	12.500
1976	129.9	135.2	130.4	122.0	141.1	106.2	132.0	131.4	120.0	114.6	104.4	104.8	15.426
1977	149.6	158.4	225.8	165.3	235.8	136.7	207.9	202.9	150.9	147.9	135.8	119.5	22.573
1978	168.0	180.1	223.9	200.4	275.2	137.4	226.9	212.9	190.3	166.9	159.1	122.0	22.767
1979	178.9	193.0	248.2	235.9	373.3	138.5	250.4	227.3	236.6	186.7	185.4	143.9	22.805
1980	229.0	253.1	268.2	303.2	350.3	143.8	283.9	258.1	311.5	232.1	231.0	176.1	22.951
1981	271.0	303.4	305.1	373.6	331.9	159.3	350.7	305.8	410.2	294.4	288.1	223.2	24.515
1982	498.7	576.2	743.1	554.1	699.4	415.0	832.7	732.9	676.7	464.4	437.0	285.6	54.985
1983	948.5	1115.2	1551.8	1176.9	1509.5	878.9	1790.9	1561.6	1454.9	961.5	892.4	541.3	120.094
1984	1562.5	1850.8	2172.5	2005.8	2114.5	1511.1	2514.7	2168.1	2519.6	1639.7	1511.2	861.6	167.830
1985	2293.3	2726.6	2921.7	2929.5	2848.3	2263.7	3511.0	2862.5	3706.1	2395.3	2200.7	1242.9	225.167

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	48.0	46.1	73.0	57.1	40.2	39.3	61.0	80.2	60.6	68.6	72.3	75.4	1.000000
1971	56.8	53.4	75.8	58.1	35.2	39.9	64.4	80.3	63.6	69.9	71.5	79.4	1.000000
1972	72.2	58.0	74.2	59.1	33.6	40.6	65.8	80.3	64.2	70.7	72.3	79.4	1.000000
1973	85.9	66.3	77.8	66.3	44.3	43.1	68.5	81.4	67.3	75.7	72.3	83.5	1.000000
1974	91.2	91.1	80.2	85.4	86.1	75.3	83.9	92.4	81.2	89.9	73.0	97.4	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	105.2	109.5	105.6	98.9	114.4	86.0	106.9	106.5	97.2	92.9	84.6	84.9	.810320
1977	82.8	87.7	125.0	91.5	130.6	75.7	115.1	112.3	83.5	81.9	75.2	66.2	.553758
1978	92.2	98.9	122.9	110.0	151.1	75.4	124.6	116.9	104.5	91.6	87.3	66.9	.549040
1979	98.1	105.7	136.0	129.3	204.6	75.9	137.2	124.6	129.7	102.3	101.6	78.9	.548125
1980	124.7	137.8	146.0	165.1	190.8	78.3	154.6	140.5	169.7	126.4	125.8	95.9	.544638
1981	138.2	154.7	156.0	190.5	169.2	81.2	178.8	155.9	209.1	150.1	146.9	113.8	.509891
1982	113.3	131.0	168.9	125.9	159.0	94.3	189.3	166.6	153.8	105.5	99.3	64.9	.227334
1983	98.7	116.0	161.5	122.4	163.3	91.4	186.4	162.5	151.4	100.0	92.8	56.3	.104085
1984	116.3	137.8	161.8	149.3	157.4	112.5	187.2	161.4	187.6	122.1	112.5	64.1	.074480
1985	127.3	151.3	162.2	162.6	158.1	125.6	194.9	158.9	205.7	132.9	122.1	69.0	.055514

Table 57.—Mining cost indexes for Morocco

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	66.9	66.9	80.5	70.0	49.6	57.0	64.8	58.4	49.0	59.8	83.6	98.3	5.037
1971	75.3	75.3	83.3	71.5	51.0	67.1	68.2	65.2	50.6	63.1	83.6	99.1	5.022
1972	75.3	75.3	79.0	72.8	58.6	68.9	70.1	70.2	52.4	62.8	83.6	99.2	4.596
1973	90.6	90.6	85.7	79.5	67.4	71.5	71.3	74.6	62.3	68.3	86.3	99.1	4.107
1974	90.6	90.6	99.5	106.9	94.2	95.6	85.9	88.1	97.1	100.1	100.0	99.9	4.370
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	4.053
1976	100.0	100.0	117.5	106.4	102.2	110.8	107.8	126.2	106.3	104.6	100.0	102.6	4.419
1977	110.2	110.2	128.3	112.6	115.1	125.9	113.0	116.9	115.4	113.0	115.1	118.0	4.503
1978	110.2	110.2	126.7	125.4	116.9	156.8	121.5	128.3	125.5	107.1	115.1	128.3	4.167
1979	154.3	154.3	126.0	152.4	128.5	198.3	135.7	149.4	152.1	137.9	149.3	130.0	3.899
1980	154.3	154.3	134.7	163.0	161.4	257.9	157.6	178.3	171.7	156.2	149.3	174.9	3.937
1981	163.5	163.5	186.5	178.1	185.4	338.8	180.2	206.1	224.4	181.4	178.8	195.6	5.172
1982	183.1	183.1	218.8	197.9	179.1	371.6	188.0	220.7	248.6	202.4	197.7	219.2	6.023
1983	193.9	193.9	250.3	198.3	180.8	371.6	199.3	244.4	252.6	219.0	210.0	235.6	7.111
1984	217.7	217.7	300.7	242.6	183.2	465.3	221.3	291.6	300.5	262.4	237.1	272.7	8.823
1985	237.2	237.2	276.6	256.4	199.7	404.9	239.1	318.6	320.9	283.1	259.2	303.1	7.924
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	53.8	53.8	64.8	56.3	39.9	45.9	52.1	47.0	39.4	48.1	67.2	79.1	0.804645
1971	60.7	60.7	67.2	57.7	41.1	54.2	55.0	52.6	40.8	50.9	67.4	79.9	.807048
1972	66.4	66.4	69.7	64.2	51.6	60.8	61.8	61.9	46.2	55.4	73.7	87.5	.881853
1973	89.4	89.4	84.6	78.4	66.5	70.6	70.3	73.6	61.5	67.4	85.2	97.8	.986851
1974	84.0	84.0	92.3	99.1	87.3	88.7	79.6	81.7	90.1	92.9	92.7	92.7	.927459
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	91.7	91.7	107.7	97.5	93.7	101.6	98.8	115.7	97.5	95.9	91.7	94.1	.917175
1977	99.2	99.2	115.5	101.3	103.6	113.3	101.7	105.2	103.8	101.7	103.6	106.2	.900066
1978	107.2	107.2	123.2	121.9	113.7	152.5	118.2	124.8	122.0	104.2	111.9	124.8	.972642
1979	160.4	160.4	130.9	158.5	133.6	206.2	141.1	155.3	158.1	143.4	155.2	135.1	1.039497
1980	158.9	158.9	138.7	167.8	166.1	265.5	162.3	183.5	176.7	160.8	153.7	180.0	1.029464
1981	128.1	128.1	146.2	139.6	145.3	265.5	141.2	161.5	175.8	142.1	140.1	153.3	.783642
1982	123.2	123.2	147.2	133.2	120.5	250.1	126.5	148.5	167.3	136.2	133.0	147.5	.672920
1983	110.5	110.5	142.7	113.0	103.0	211.8	113.6	139.3	144.0	124.8	119.6	134.3	.569962
1984	100.0	100.0	138.1	111.4	84.1	213.7	101.6	133.9	138.0	120.5	108.9	125.3	.459367
1985	121.3	121.3	141.4	131.1	102.1	207.1	122.2	162.9	164.1	144.8	132.6	155.0	.511484

Table 58.—Mining cost indexes for Mozambique

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	38.5	53.3	70.6	64.9	38.0	13.3	58.0	52.4	77.9	79.3	57.2	66.9	28.589
1971	39.3	60.2	73.7	66.1	38.8	17.2	60.4	57.7	79.6	80.7	69.2	72.5	28.204
1972	39.6	64.7	70.6	64.2	43.8	18.4	65.3	65.4	74.2	75.0	70.9	76.7	27.011
1973	41.6	73.7	78.7	78.1	101.9	23.9	67.9	71.0	83.9	81.2	74.8	77.5	24.673
1974	59.3	60.7	99.9	97.8	94.6	102.2	79.2	81.2	104.4	104.4	91.0	96.5	25.408
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	100.0	100.0	25.553
1976	117.9	110.4	139.4	138.1	132.9	127.0	116.9	136.9	139.0	130.5	98.2	115.1	30.223
1977	124.0	134.8	166.6	168.3	161.6	151.3	131.1	135.6	169.6	160.2	106.5	133.1	32.928
1978	137.6	156.3	183.6	189.3	194.9	152.8	152.6	161.1	186.8	178.1	118.1	154.4	32.996
1979	140.7	175.1	207.8	229.0	212.9	217.4	179.7	197.9	221.8	204.4	131.1	151.7	32.559
1980	157.8	196.1	284.7	310.6	290.0	394.2	228.6	238.6	306.6	286.8	146.8	272.5	36.000
1981	170.8	222.2	284.6	313.0	236.8	443.3	198.9	227.5	306.5	280.3	165.4	308.6	36.000
1982	209.1	242.4	282.7	302.3	201.0	440.6	182.9	214.8	296.5	267.1	174.1	333.3	36.960
1983	250.7	259.4	311.9	349.8	181.0	418.8	179.7	212.3	346.4	299.6	183.9	358.0	38.880
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	34.4	47.6	63.1	58.0	34.0	11.9	51.9	46.8	69.6	70.8	51.2	59.8	0.893805
1971	35.6	54.5	66.7	59.9	35.1	15.6	54.7	52.3	72.1	73.1	62.7	65.7	.906006
1972	37.5	61.2	66.8	60.7	41.5	17.4	61.8	61.9	70.2	71.0	67.1	72.6	.946021
1973	43.1	76.4	81.5	80.9	105.5	24.8	70.3	73.6	86.9	84.1	77.4	80.2	1.035666
1974	59.6	61.0	100.5	98.3	95.2	102.8	79.6	81.7	105.0	105.0	91.5	97.0	1.005706
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	100.0	100.0	1.000000
1976	99.7	93.4	117.9	116.7	112.4	107.3	98.8	115.7	117.5	110.3	83.0	97.3	.845481
1977	96.2	104.6	129.3	130.6	125.4	117.4	101.7	105.2	131.6	124.3	82.6	103.3	.776026
1978	106.6	121.1	142.2	146.6	150.9	118.3	118.1	124.8	144.7	137.9	91.5	119.6	.774427
1979	110.4	137.4	163.1	179.7	167.1	170.6	141.0	155.3	174.1	160.4	102.9	119.0	.784821
1980	112.0	139.2	202.1	220.5	198.7	279.8	162.3	183.5	217.6	203.5	104.2	193.4	.709805
1981	121.2	157.7	202.0	222.1	168.1	314.7	141.2	161.4	217.5	198.9	117.4	219.0	.709805
1982	144.6	167.6	195.4	209.0	138.9	304.6	126.5	148.5	205.0	184.6	120.4	230.4	.691369
1983	164.7	170.5	205.0	229.9	118.9	275.2	118.1	139.5	227.7	196.9	120.8	235.3	.657227

Table 59.—Mining cost indexes for Namibia

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	38.8	58.5	51.8	47.7	56.1	49.6	53.1	62.0	57.2	58.2	65.9	69.7	0.714
1971	40.6	63.1	54.9	49.2	61.3	52.8	54.2	63.9	59.3	60.1	69.4	72.6	.715
1972	45.4	70.7	59.0	53.6	64.3	54.7	57.3	65.1	62.0	62.7	71.5	76.8	.768
1973	53.3	76.6	64.9	64.4	69.4	57.6	61.6	70.5	69.2	67.0	76.9	81.6	.693
1974	72.0	84.4	78.5	76.8	84.8	83.3	70.7	89.4	82.0	82.0	84.7	85.8	.679
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.732
1976	115.2	109.9	117.9	116.7	104.4	140.6	106.4	111.0	117.5	110.3	113.4	130.3	.870
1977	127.2	122.4	129.3	130.6	117.4	167.4	116.8	127.4	131.6	124.3	117.8	193.1	.870
1978	147.4	134.0	142.2	146.6	146.2	169.4	135.0	139.3	144.7	137.9	124.4	225.0	.870
1979	168.6	146.2	157.9	174.0	158.1	275.5	155.0	154.3	168.5	155.3	136.0	238.7	.842
1980	203.5	173.9	180.8	197.3	184.9	334.3	190.3	177.9	194.7	182.1	151.3	254.6	.778
1981	246.5	204.1	202.2	222.3	217.4	366.3	192.9	189.3	217.7	199.1	171.6	286.9	.870
1982	268.0	239.9	230.5	260.5	226.3	422.8	236.5	212.2	255.5	230.1	192.6	341.6	1.084
1983	326.6	283.1	254.6	294.1	244.5	422.1	269.8	227.8	291.2	253.3	232.0	384.3	1.112
1984	236.7	304.9	286.3	317.8	265.4	503.3	302.0	255.2	315.8	289.8	227.1	417.1	1.438
1985	261.6	344.6	319.9	367.0	315.5	494.1	340.6	281.6	363.6	325.4	264.7	487.4	1.461

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	39.8	60.0	53.1	48.9	57.5	50.9	54.5	63.6	58.6	59.7	67.6	71.5	1.025210
1971	41.6	64.6	56.2	50.4	62.8	54.1	55.5	65.4	60.7	61.5	71.1	74.3	1.023776
1972	43.3	67.4	56.2	51.1	61.3	52.2	54.6	62.0	59.1	59.8	68.2	73.2	.953125
1973	56.3	80.9	68.6	68.0	73.3	60.9	65.1	74.5	73.1	70.8	81.2	86.2	1.056277
1974	77.6	91.0	84.6	82.8	91.4	89.9	76.2	96.4	88.4	88.4	91.3	92.5	1.078055
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	96.9	92.5	99.2	98.2	87.8	118.3	89.5	93.4	98.9	92.8	95.4	109.6	.841379
1977	107.0	103.0	108.8	109.9	98.8	140.9	98.3	107.2	110.7	104.6	99.1	162.5	.841379
1978	124.0	112.7	119.6	123.3	123.0	142.5	113.6	117.2	121.7	116.0	104.7	189.3	.841379
1979	146.5	127.1	137.3	151.3	137.5	239.5	134.7	134.1	146.5	135.0	118.2	207.5	.869368
1980	191.4	163.6	170.1	185.6	173.9	314.5	179.0	167.4	183.2	171.3	142.4	239.6	.940874
1981	207.4	171.7	170.1	187.0	182.9	308.2	162.3	159.3	183.2	167.5	144.3	241.4	.841379
1982	181.0	162.0	155.6	175.9	152.8	285.5	159.7	143.3	172.5	155.4	130.0	230.7	.675276
1983	215.0	186.3	167.6	193.6	160.9	277.8	177.6	149.9	191.7	166.7	152.7	253.0	.668273
1984	120.5	155.2	145.7	161.7	135.1	256.2	153.7	129.9	160.7	147.5	115.6	212.3	.509040
1985	131.0	172.6	160.3	183.9	158.0	247.5	170.6	141.1	182.1	163.0	132.6	244.2	.501026

Table 60.—Mining cost indexes for Netherlands Antilles

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	74.7	58.6	55.1	56.3	47.0	28.5	63.9	84.0	55.3	51.1	59.8	86.1	1.886
1971	75.7	60.2	57.3	60.2	46.7	28.9	67.1	83.7	56.2	51.4	61.0	86.6	1.876
1972	77.5	63.2	56.5	64.9	48.3	29.1	65.8	80.3	56.3	48.9	61.5	87.4	1.800
1973	81.2	69.3	59.1	78.6	93.1	72.8	68.5	81.4	61.2	50.0	72.0	87.4	1.800
1974	90.9	74.7	73.7	89.7	98.3	90.5	83.9	92.4	81.9	73.3	82.9	97.1	1.800
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.800
1976	104.0	103.4	119.5	98.6	101.7	100.8	106.9	106.5	101.4	106.0	107.0	106.0	1.800
1977	126.2	113.4	129.5	111.3	113.8	106.2	115.1	112.4	109.4	108.2	118.7	120.1	1.800
1978	126.2	124.4	141.8	129.7	122.4	111.8	124.6	116.9	125.5	109.0	125.5	123.3	1.800
1979	148.3	135.0	157.1	143.7	160.3	192.4	137.3	124.6	138.5	127.6	147.0	147.0	1.800
1980	177.2	154.1	179.9	153.9	172.4	260.5	154.6	140.6	154.9	156.6	173.1	191.8	1.800
1981	220.4	168.6	200.2	128.7	155.2	280.1	178.8	155.9	168.4	175.6	196.3	218.5	1.800
1982	233.9	196.3	217.3	128.8	142.2	257.7	184.6	162.4	190.7	170.4	209.9	218.7	1.800
1983	239.7	201.6	218.3	123.2	149.7	246.9	186.4	162.5	203.1	165.7	211.8	207.9	1.800
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	71.3	55.9	52.6	53.7	44.8	27.2	60.9	80.2	52.7	48.8	57.1	82.1	0.954400
1971	72.6	57.8	55.0	57.8	44.8	27.7	64.4	80.3	53.9	49.3	58.5	83.1	.999488
1972	77.5	63.2	56.5	64.9	48.3	29.1	65.8	80.3	56.3	48.9	61.5	87.4	1.000000
1973	81.2	69.3	59.1	78.6	93.1	72.8	68.5	81.4	61.2	50.0	72.0	87.4	1.000000
1974	90.9	74.7	73.7	89.7	98.3	90.5	83.9	92.4	81.9	73.3	82.9	97.1	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	104.0	103.4	119.5	98.6	101.7	100.8	106.9	106.5	101.4	106.0	107.0	106.0	1.000000
1977	126.2	113.4	129.5	111.3	113.8	106.2	115.1	112.4	109.4	108.2	118.7	120.1	1.000000
1978	126.2	124.4	141.8	129.7	122.4	111.8	124.6	116.9	125.5	109.0	125.5	123.3	1.000000
1979	148.3	135.0	157.1	143.7	160.3	192.4	137.3	124.6	138.5	127.6	147.0	147.0	1.000000
1980	177.2	154.1	179.9	153.9	172.4	260.5	154.6	140.6	154.9	156.6	173.1	191.8	1.000000
1981	220.4	168.6	200.2	128.7	155.2	280.1	178.8	155.9	168.4	175.6	196.3	218.5	1.000000
1982	233.9	196.3	217.3	128.8	142.2	257.7	184.6	162.4	190.7	170.4	209.9	218.7	1.000000
1983	239.7	201.6	218.3	123.2	149.7	246.9	186.4	162.5	203.1	165.7	211.8	207.9	1.000000

Table 61.—Mining cost indexes for New Caledonia

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	76.9	64.3	65.2	59.7	71.0	51.8	66.9	60.4	70.4	61.5	60.2	74.4	100.513
1971	82.4	69.9	68.3	62.8	72.2	57.5	70.4	67.3	69.5	63.5	66.2	75.6	100.215
1972	89.8	74.6	67.8	64.3	70.4	57.5	72.7	72.8	77.1	65.7	70.4	82.7	91.714
1973	96.2	82.3	66.7	72.4	78.6	61.5	73.1	76.4	98.5	70.2	73.3	82.5	80.982
1974	112.1	95.6	84.4	96.9	99.7	92.5	89.4	91.7	123.1	92.4	89.2	93.3	87.453
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	77.935
1976	105.7	105.9	122.7	106.2	105.8	110.0	110.2	129.0	118.2	104.6	105.2	95.5	86.902
1977	111.6	111.9	134.2	112.0	112.8	130.0	116.6	120.6	140.1	109.7	118.5	104.2	89.334
1978	119.5	119.8	142.2	122.2	119.9	140.0	124.4	131.4	169.1	114.3	128.5	109.9	82.051
1979	131.4	131.7	154.5	136.1	131.8	196.0	140.0	154.1	171.8	131.9	145.9	114.1	77.355
1980	175.2	148.3	175.2	144.4	157.6	249.0	160.0	180.9	184.6	157.2	174.8	152.9	76.836
1981	200.0	171.0	223.5	146.8	191.5	328.0	179.0	204.7	233.9	179.5	208.8	187.8	98.811
1982	227.7	193.5	272.3	182.3	216.7	380.0	193.9	227.7	250.8	202.2	238.8	207.6	119.498
1983	255.5	217.7	306.0	213.3	244.1	442.2	201.7	247.3	302.7	221.3	269.9	228.8	138.569
1984	273.4	230.4	336.1	217.7	267.2	440.2	200.6	264.4	350.9	243.1	268.9	228.0	153.853
1985	290.0	238.9	336.2	238.4	248.8	402.0	218.7	291.4	348.1	267.7	249.8	212.9	139.400
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	59.6	49.9	50.5	46.3	55.0	40.1	51.9	46.8	54.6	47.7	46.7	57.7	0.775372
1971	64.0	54.3	53.1	48.8	56.1	44.7	54.7	52.3	54.0	49.4	51.5	58.8	.777677
1972	76.3	63.3	57.6	54.6	59.8	48.9	61.8	61.9	65.5	55.9	59.8	70.3	.849761
1973	92.6	79.2	64.1	69.7	75.7	59.2	70.3	73.6	94.8	67.5	70.5	79.4	.962374
1974	99.9	85.2	75.2	86.4	88.9	82.4	79.6	81.7	109.7	82.3	79.5	83.2	.891164
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	94.8	95.0	110.0	95.3	94.9	98.6	98.8	115.7	106.0	93.8	95.2	85.7	.896814
1977	97.4	97.6	117.1	97.7	98.4	113.4	101.7	105.2	122.2	95.7	103.4	90.9	.872400
1978	113.5	113.8	135.1	116.0	113.8	133.0	118.1	124.8	160.6	108.6	122.0	104.4	.949836
1979	132.3	132.7	155.6	137.1	132.8	197.5	141.1	155.3	173.1	132.9	147.0	114.9	1.007497
1980	177.7	150.4	177.7	146.4	159.9	252.6	162.3	183.5	187.2	159.5	177.3	155.1	1.014303
1981	157.7	134.9	176.3	115.8	151.1	258.7	141.2	161.4	184.5	141.6	164.7	148.1	.788727
1982	148.5	126.2	177.5	118.9	141.3	247.8	126.5	148.5	163.5	131.9	155.8	135.3	.652186
1983	143.7	122.4	172.1	120.0	137.3	248.7	113.4	139.1	170.2	124.5	151.8	128.7	.562427
1984	138.5	116.7	170.2	110.3	135.3	223.0	101.6	133.9	177.7	123.1	136.2	115.5	.506554
1985	162.1	133.5	187.9	133.3	139.1	224.7	122.2	162.9	194.6	149.6	139.6	119.0	.599074

Table 62.—Mining cost indexes for New Zealand

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	62.5	58.5	67.6	50.3	53.6	27.5	63.6	62.7	56.2	60.4	57.7	91.9	0.892
1971	68.3	64.9	73.6	57.2	61.9	30.6	74.7	66.7	62.8	64.6	66.0	92.9	.880
1972	72.6	69.8	79.2	55.3	64.3	32.1	66.7	68.9	66.5	64.4	70.6	96.1	.837
1973	76.0	76.7	85.9	57.3	67.1	32.2	77.3	75.0	70.2	57.5	73.3	96.6	.734
1974	86.6	87.6	79.5	68.7	83.8	56.2	90.1	86.6	78.2	72.0	80.7	98.6	.714
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.823
1976	118.2	110.8	133.1	122.7	118.0	132.8	96.5	109.4	117.9	119.1	112.4	121.7	1.004
1977	131.8	125.4	162.1	134.9	128.4	161.6	127.8	109.6	137.8	136.4	126.5	192.8	1.030
1978	136.5	146.7	182.5	131.7	131.8	163.8	143.9	121.2	154.0	147.1	144.7	247.3	.964
1979	156.4	167.5	208.9	152.2	143.2	172.0	154.4	127.8	170.3	201.6	162.0	280.6	.978
1980	188.0	201.2	221.4	180.6	185.7	323.3	167.0	152.0	207.4	263.8	197.0	361.4	1.027
1981	219.7	235.0	251.8	207.3	224.6	446.3	193.3	158.1	247.8	268.5	238.9	376.2	1.150
1982	245.6	262.6	283.8	230.6	254.4	544.2	208.0	180.2	287.6	286.5	274.8	416.2	1.330
1983	266.1	286.3	321.3	245.6	257.1	565.6	214.5	195.9	321.0	293.2	314.2	423.3	1.494
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	57.7	54.0	62.4	46.4	54.1	25.4	58.7	57.8	51.8	55.7	53.2	84.8	0.922645
1971	63.9	60.7	68.8	53.5	57.9	28.6	69.9	62.4	58.7	60.4	61.7	86.9	.935227
1972	71.4	68.6	77.9	54.4	63.2	31.6	65.6	67.7	65.4	63.3	69.4	94.5	.983273
1973	85.2	85.0	96.3	64.3	75.2	36.1	86.7	84.1	78.7	64.5	82.2	108.3	1.121253
1974	99.8	101.0	91.6	79.2	96.6	64.8	103.9	99.8	90.1	83.0	93.0	113.7	1.152661
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	96.9	90.8	109.1	100.6	96.7	108.9	79.1	89.7	96.6	97.6	92.1	99.8	.819721
1977	105.3	100.2	129.5	107.8	102.6	129.1	102.1	87.6	110.1	109.0	101.1	154.0	.799029
1978	116.5	125.2	155.8	112.4	112.5	139.8	122.8	103.5	131.5	125.6	123.5	211.1	.853734
1979	131.6	140.9	175.8	128.1	120.5	144.7	129.9	107.5	143.3	169.6	136.3	236.1	.841513
1980	150.6	161.2	177.4	144.7	148.8	259.1	133.8	121.8	166.2	211.4	157.9	289.6	.801363
1981	157.2	168.2	180.2	148.3	160.7	319.4	138.3	113.1	177.3	192.1	171.0	269.2	.715652
1982	152.0	162.5	175.6	142.7	157.4	336.7	128.7	111.5	177.9	177.3	170.0	257.5	.618796
1983	146.6	157.7	177.0	135.3	141.6	322.6	118.1	107.9	176.8	161.5	173.1	233.2	.550870

Table 63.—Mining cost indexes for Nicaragua

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	75.6	72.2	52.4	60.0	57.3	27.1	60.7	79.6	62.4	48.6	83.3	52.6	7.000
1971	76.8	77.6	54.8	63.1	55.6	27.6	64.2	79.7	63.3	49.1	77.7	52.3	7.000
1972	78.3	72.2	56.3	66.2	55.6	29.0	65.6	79.7	64.0	48.7	75.4	49.2	7.000
1973	82.4	65.9	58.9	69.8	59.1	72.6	68.3	80.8	79.4	49.8	79.8	48.1	7.000
1974	89.5	89.1	73.6	89.5	85.0	90.3	83.8	92.1	97.3	73.2	98.8	63.1	7.013
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	7.026
1976	106.8	107.6	119.5	106.9	130.1	100.8	106.9	106.5	102.4	106.0	106.2	101.7	7.026
1977	122.4	110.7	129.5	113.6	156.4	106.2	115.1	112.4	111.0	108.2	112.3	117.3	7.026
1978	134.1	121.1	141.8	119.3	162.8	111.8	124.6	116.9	161.1	109.0	121.0	128.8	7.026
1979	162.2	147.0	207.0	175.3	295.6	253.5	180.8	216.2	246.2	168.1	149.3	167.8	9.255
1980	231.7	184.1	257.4	213.8	429.2	372.6	221.2	287.6	324.7	224.0	206.7	235.9	10.050
1981	270.6	217.0	286.4	228.0	456.5	400.7	255.8	319.1	370.8	251.2	249.6	394.6	10.050
1982	309.5	250.0	310.8	233.1	483.8	400.7	264.0	332.3	495.1	243.8	308.2	400.7	10.050
1983	350.6	287.9	312.3	229.0	519.6	400.7	266.6	332.6	602.2	237.1	391.1	516.0	10.050
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	75.9	72.5	52.6	60.2	57.5	27.2	61.0	79.9	62.6	48.8	83.6	52.8	1.003714
1971	77.1	77.9	55.0	63.4	55.8	27.7	64.4	80.0	63.6	49.3	78.0	52.5	1.003714
1972	78.6	72.5	56.5	66.4	55.8	29.1	65.8	80.0	64.2	48.9	75.6	49.4	1.003714
1973	82.7	66.2	59.1	70.0	59.3	72.8	68.5	81.1	79.7	50.0	80.1	48.3	1.003714
1974	89.7	89.2	73.7	89.7	85.1	90.5	83.9	92.3	97.5	73.3	98.9	63.2	1.001853
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	106.8	107.6	119.5	106.9	130.1	100.8	106.9	106.5	102.4	106.0	106.2	101.7	1.000000
1977	122.4	110.7	129.5	113.6	156.4	106.2	115.1	112.4	111.0	108.2	112.3	117.3	1.000000
1978	134.1	121.1	141.8	119.3	162.8	111.8	124.6	116.9	161.1	109.0	121.0	128.8	1.000000
1979	123.1	111.6	157.1	133.0	224.4	192.4	137.3	164.1	186.9	127.6	113.3	127.4	.799157
1980	162.0	128.7	179.9	149.5	300.0	260.5	154.6	201.0	227.0	156.6	144.5	164.9	.699104
1981	189.2	151.7	200.2	159.3	319.1	280.1	178.8	223.0	259.2	175.6	174.5	275.8	.699104
1982	216.4	174.8	217.3	163.0	338.2	280.1	184.5	232.3	346.1	170.4	215.5	280.1	.699104
1983	245.1	201.3	218.3	160.1	363.2	280.1	186.4	232.5	421.0	165.7	273.4	360.7	.699104

Table 64.—Mining cost indexes for Nigeria

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	65.5	43.1	64.4	56.9	39.4	62.7	60.5	65.1	50.8	62.0	58.0	140.0	0.714
1971	68.2	50.0	67.7	60.6	40.7	60.5	61.4	73.3	50.8	65.9	58.3	132.0	.712
1972	68.5	50.0	66.9	62.1	44.3	62.4	64.8	72.3	51.8	65.2	60.4	132.5	.688
1973	79.8	50.0	70.3	75.0	112.8	54.6	79.3	79.2	62.8	73.0	66.4	78.2	.688
1974	98.3	100.0	80.0	88.2	97.2	55.3	92.3	90.2	72.5	90.1	86.7	92.7	.629
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.615
1976	121.9	100.0	112.3	97.4	114.4	95.0	103.4	96.9	102.0	100.1	116.1	121.0	.627
1977	131.5	106.5	126.1	106.4	131.4	110.4	116.3	113.8	108.0	112.8	141.1	135.6	.645
1978	131.5	150.0	141.1	126.4	155.8	115.7	133.4	129.6	129.4	127.2	158.4	149.2	.635
1979	144.4	165.0	152.8	145.1	163.6	112.2	140.9	147.9	155.0	153.3	195.5	162.5	.603
1980	157.3	173.5	163.6	151.0	176.5	139.9	137.3	162.7	172.9	163.1	197.3	177.5	.547
1981	173.7	209.4	192.9	142.5	167.6	192.7	145.8	163.2	180.4	163.9	201.9	191.5	.614
1982	180.8	221.2	216.9	153.5	152.0	225.1	158.4	170.3	183.7	169.6	223.5	202.6	.673
1983	180.8	256.8	232.9	154.1	139.8	226.1	135.7	171.2	180.9	169.3	271.2	232.5	.723
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	56.4	37.1	55.4	49.0	33.9	54.0	52.1	56.1	43.8	53.4	50.0	120.6	0.861344
1971	58.9	43.2	58.5	52.4	35.1	52.3	53.1	63.3	43.9	56.9	50.3	114.0	.863764
1972	64.0	46.7	62.5	58.0	41.4	58.3	60.6	67.6	48.4	60.9	56.5	123.8	.934650
1973	74.6	46.7	65.7	70.1	105.4	51.1	74.1	74.0	58.7	68.2	62.1	73.1	.934650
1974	96.1	97.8	78.3	86.3	95.1	54.0	90.2	88.2	70.9	88.1	84.8	90.7	.977742
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	119.6	98.1	110.1	95.5	112.2	93.2	101.4	95.1	100.1	98.2	113.9	118.7	.980861
1977	125.3	101.5	120.2	101.4	125.3	105.3	110.9	108.5	103.0	107.5	134.5	129.3	.953488
1978	127.3	145.3	136.7	122.4	150.9	112.1	129.2	125.5	125.3	123.2	153.4	144.5	.968503
1979	147.3	168.3	155.9	148.0	166.9	114.5	143.7	150.9	158.1	156.4	199.4	165.7	1.019900
1980	176.9	195.1	183.9	169.7	198.4	157.3	154.4	183.0	194.4	183.4	221.8	199.6	1.124314
1981	174.0	209.7	193.3	142.8	167.9	193.0	146.1	163.4	180.7	164.1	202.2	191.8	1.001628
1982	165.2	202.1	198.2	140.3	138.9	205.7	144.7	155.6	167.8	155.0	204.2	185.1	.913818
1983	153.8	218.5	198.1	131.1	118.9	192.3	115.4	145.6	153.9	144.0	230.7	197.7	.850622

Table 65.—Mining cost indexes for Norway

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	52.4	57.3	67.1	64.6	60.5	37.3	62.4	75.0	70.1	61.8	73.8	67.1	7.143
1971	58.0	63.2	69.4	60.4	65.1	48.2	69.5	79.3	70.1	64.0	82.6	68.4	7.042
1972	62.6	68.7	72.9	62.5	62.8	45.8	72.7	79.3	72.4	66.3	87.0	75.9	6.588
1973	68.8	73.9	77.6	74.0	67.4	51.8	77.5	81.5	78.2	70.8	73.1	77.2	5.766
1974	80.3	84.9	85.9	94.8	81.4	98.8	92.0	92.4	93.8	88.9	81.8	77.2	5.540
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	5.227
1976	118.0	115.3	112.9	104.2	108.1	114.5	108.0	105.4	106.3	106.3	111.9	107.6	5.457
1977	129.2	128.4	117.6	104.2	116.3	120.5	114.4	108.7	115.6	112.7	119.8	126.6	5.324
1978	137.0	140.9	126.9	115.7	113.3	123.7	119.3	114.1	120.3	117.5	130.2	141.9	5.242
1979	141.9	146.9	134.7	122.2	116.3	164.9	125.1	120.1	126.6	130.2	118.9	151.5	5.064
1980	160.1	157.9	144.0	127.3	134.2	256.8	144.8	135.2	142.2	147.6	125.7	166.9	4.939
1981	173.9	172.4	154.8	128.6	149.1	317.1	167.5	150.2	156.3	158.7	147.0	191.8	5.740
1982	186.7	191.7	162.5	145.3	152.1	329.7	175.6	154.7	167.2	163.5	182.1	220.6	6.454
1983	200.3	202.2	168.7	145.3	156.5	339.3	185.5	157.7	176.6	171.4	186.7	257.0	7.296
1984	221.3	214.1	176.0	151.6	169.2	349.5	198.3	157.0	188.9	181.5	170.2	288.7	7.796
1985	235.8	227.2	184.2	158.4	177.2	334.5	208.4	173.7	198.1	190.6	170.3	308.4	7.496
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	38.3	41.9	49.1	47.2	44.2	27.3	45.6	54.9	51.3	45.2	54.0	49.1	0.731765
1971	43.0	46.9	51.5	44.8	48.3	35.8	51.6	58.9	52.0	47.5	61.3	50.7	.742260
1972	49.7	54.5	57.9	49.6	49.8	36.3	57.7	62.9	57.4	52.6	69.0	60.2	.793412
1973	62.4	67.0	70.4	67.0	61.1	47.0	70.3	73.9	70.9	64.2	66.3	70.0	.906520
1974	75.7	80.1	81.0	89.4	76.8	93.2	86.8	87.2	88.5	83.9	77.2	72.9	.943501
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	113.0	110.4	108.2	99.8	103.6	109.6	103.5	101.0	101.8	101.9	107.2	103.1	.957852
1977	126.9	126.1	115.5	102.3	114.2	118.3	112.4	106.7	113.5	110.6	117.6	124.3	.981780
1978	136.6	140.5	126.6	115.4	113.0	123.3	118.9	113.8	120.0	117.1	129.8	141.5	.997138
1979	146.5	151.6	139.0	126.1	120.0	170.2	129.1	124.0	130.6	134.4	122.8	156.4	1.032187
1980	169.5	167.1	152.4	134.7	142.0	271.8	153.2	143.0	150.5	156.2	133.0	176.6	1.058311
1981	158.3	157.0	141.0	117.1	135.7	288.7	152.6	136.7	142.3	144.5	133.9	174.6	.910627
1982	151.2	155.3	131.6	117.7	123.1	267.0	142.2	125.3	135.4	132.4	147.5	178.6	.809885
1983	143.5	144.8	120.9	104.1	112.1	243.0	132.8	112.9	126.5	122.8	133.7	184.1	.716419
1984	148.3	143.5	118.0	101.6	113.4	234.3	132.9	105.2	126.6	121.7	114.1	193.6	.670472
1985	164.4	158.4	128.4	110.4	123.6	233.3	145.3	121.1	138.1	132.9	118.8	215.1	.697305

Table 66.—Mining cost indexes for Oman

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	50.2	50.2	56.4	80.1	39.0	17.9	68.4	65.8	67.6	75.2	23.7	10.4	0.417
1971	58.5	58.5	59.5	75.1	40.1	21.0	77.0	66.8	66.6	78.0	26.9	22.6	.415
1972	59.8	59.8	65.3	71.9	41.3	23.0	79.5	68.1	59.9	73.3	28.6	23.2	.384
1973	79.9	79.9	70.5	75.1	47.5	61.1	75.3	72.3	80.4	70.1	35.3	32.5	.351
1974	98.8	98.8	82.7	99.4	111.2	99.2	82.9	99.6	94.9	92.7	95.2	97.7	.345
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.345
1976	101.2	101.2	125.2	74.1	106.8	102.0	97.5	93.4	94.0	91.9	104.8	101.2	.345
1977	107.4	107.4	94.5	66.5	111.2	104.2	108.8	99.9	80.0	93.8	104.2	107.4	.345
1978	111.5	111.5	87.4	80.4	124.8	109.2	134.5	110.0	85.4	107.9	104.4	111.5	.345
1979	124.5	124.5	89.8	108.9	152.2	222.3	167.7	117.7	94.2	134.1	134.0	148.4	.345
1980	145.9	145.9	119.7	122.8	182.0	325.4	209.3	135.9	103.3	176.4	209.7	204.1	.345
1981	155.0	155.0	119.7	117.7	191.9	301.0	205.3	152.2	102.7	176.9	217.1	232.1	.345
1982	155.0	155.0	107.1	96.8	176.1	278.1	235.6	135.8	106.1	169.1	193.5	216.8	.345
1983	155.0	155.0	101.4	78.0	142.5	252.0	225.7	142.8	95.0	169.9	189.2	198.3	.345
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	41.5	41.5	46.6	66.3	32.3	14.8	56.6	54.4	55.9	62.2	19.6	8.6	0.827338
1971	48.6	48.6	49.4	62.4	33.4	17.4	64.0	55.5	55.4	64.8	22.4	18.8	.831325
1972	53.7	53.7	58.7	64.6	37.1	20.6	71.4	61.2	53.9	65.8	25.7	20.8	.898437
1973	78.6	78.6	69.3	73.8	46.7	60.0	74.0	71.1	79.0	68.9	34.7	31.9	.982905
1974	98.8	98.8	82.7	99.4	111.2	99.2	82.9	99.6	94.9	92.7	95.2	97.7	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	101.2	101.2	125.2	74.1	106.8	102.0	97.5	93.4	94.0	91.9	104.8	101.2	1.000000
1977	107.4	107.4	94.5	66.5	111.2	104.2	108.8	99.9	80.0	93.8	104.2	107.4	1.000000
1978	111.5	111.5	87.4	80.4	124.8	109.2	134.5	110.0	85.4	107.9	104.4	111.5	1.000000
1979	124.5	124.5	89.8	108.9	152.2	222.3	167.7	117.7	94.2	134.1	134.0	148.4	1.000000
1980	145.9	145.9	119.7	122.8	182.0	325.4	209.3	135.9	103.3	176.4	209.7	204.1	1.000000
1981	155.0	155.0	119.7	117.7	191.9	301.0	205.3	152.2	102.7	176.9	217.1	232.1	1.000000
1982	155.0	155.0	107.1	96.8	176.1	278.1	235.6	135.8	106.1	169.1	193.5	216.8	1.000000
1983	155.0	155.0	101.4	78.0	142.5	252.0	225.7	142.8	95.0	169.9	189.2	198.3	1.000000

Table 67.—Mining cost indexes for Pakistan

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	40.2	40.2	44.0	26.8	26.9	43.7	84.8	26.2	34.0	25.5	50.5	77.1	4.762
1971	42.6	42.6	44.0	26.6	26.7	48.5	85.0	26.7	34.4	26.1	52.9	77.1	4.762
1972	45.3	45.3	48.1	56.9	59.4	52.3	66.1	55.4	59.5	40.7	55.8	77.1	8.941
1973	80.1	80.1	57.8	79.6	94.7	60.6	58.2	71.9	80.1	65.0	62.9	80.7	9.994
1974	85.5	85.5	79.2	122.3	86.0	81.7	80.8	99.6	93.8	85.9	78.8	87.1	9.900
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	9.900
1976	109.8	109.8	108.7	96.5	101.1	106.2	98.1	93.4	106.4	102.9	111.3	110.1	9.900
1977	138.1	138.1	116.2	100.1	92.7	108.6	108.6	99.9	106.6	106.1	121.5	106.1	9.900
1978	173.1	173.1	124.6	125.1	122.2	116.8	117.0	110.0	127.2	117.4	129.5	124.7	9.900
1979	179.1	179.1	138.8	140.3	203.8	154.6	128.2	117.7	159.7	136.6	139.9	157.4	9.900
1980	183.7	183.7	160.3	152.1	222.2	217.5	143.6	135.9	175.6	154.8	154.1	198.0	9.900
1981	201.0	201.0	180.1	170.1	188.9	255.6	165.1	152.5	177.6	151.1	175.3	212.0	9.900
1982	221.8	221.8	188.7	187.7	217.3	265.4	203.6	177.9	196.0	152.7	180.9	218.6	11.847
1983	235.8	235.8	203.2	181.0	242.3	285.4	227.6	197.5	205.3	168.9	193.5	232.2	13.117

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	83.6	83.6	91.6	55.9	56.1	90.9	176.3	54.6	70.7	53.0	105.1	160.2	2.078958
1971	88.6	88.6	91.6	55.3	55.6	100.9	176.9	55.6	71.5	54.3	110.1	160.2	2.078958
1972	50.2	50.2	53.2	63.0	65.8	57.9	73.2	61.3	65.9	45.1	61.8	85.3	1.107258
1973	79.3	79.3	57.2	78.9	93.8	60.0	57.6	71.2	79.4	64.4	62.3	80.0	.990594
1974	85.5	85.5	79.2	122.3	86.0	81.7	80.8	99.6	93.8	85.9	78.8	87.1	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	109.8	109.8	108.7	96.5	101.1	106.2	98.1	93.4	106.4	102.9	111.3	110.1	1.000000
1977	138.1	138.1	116.2	100.1	92.7	108.6	108.6	99.9	106.6	106.1	121.5	106.1	1.000000
1978	173.1	173.1	124.6	125.1	122.2	116.8	117.0	110.0	127.2	117.4	129.5	124.7	1.000000
1979	179.1	179.1	138.8	140.3	203.8	154.6	128.2	117.7	159.7	136.6	139.9	157.4	1.000000
1980	183.7	183.7	160.3	152.1	222.2	217.5	143.6	135.9	175.6	154.8	154.1	198.0	1.000000
1981	201.0	201.0	180.1	170.1	188.9	255.6	165.1	152.5	177.6	151.1	175.3	212.0	1.000000
1982	185.4	185.4	157.7	156.9	181.5	221.8	170.1	148.7	163.8	127.6	151.2	182.7	.835654
1983	178.0	178.0	153.4	136.6	182.9	215.4	171.8	149.0	154.9	127.4	146.0	175.2	.754745

Table 68.—Mining cost indexes for Panama

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	73.0	45.8	52.6	68.3	56.5	40.4	61.0	62.7	58.8	48.8	70.8	59.3	1.000
1971	75.7	45.8	55.0	71.8	70.6	40.4	64.4	62.9	64.4	49.3	72.1	64.4	1.000
1972	76.6	45.8	56.5	73.7	83.6	55.4	65.8	67.6	69.8	48.9	81.3	66.0	1.000
1973	81.3	45.8	59.1	79.0	106.8	58.5	68.5	71.3	77.4	50.0	85.6	73.0	1.000
1974	91.6	58.6	73.7	89.5	105.4	100.0	83.9	88.0	84.3	73.3	94.3	89.1	1.000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000
1976	104.7	100.0	119.5	108.9	123.7	118.8	106.9	100.4	112.0	106.0	102.6	117.3	1.000
1977	111.2	109.7	129.5	116.8	148.3	125.0	115.1	106.2	114.6	108.2	118.8	138.8	1.000
1978	111.2	109.7	141.8	122.6	172.5	125.0	124.6	110.5	120.0	109.0	118.8	154.3	1.000
1979	116.8	120.3	157.1	136.7	189.4	181.3	137.3	118.1	134.7	127.6	146.0	161.5	1.000
1980	134.6	154.1	179.9	153.6	172.0	265.0	154.6	143.4	152.9	156.6	186.3	187.7	1.000
1981	143.8	171.4	200.2	163.8	171.0	265.0	178.8	154.4	166.7	175.6	186.3	207.4	1.000
1982	149.6	182.3	217.3	167.5	160.3	272.5	184.6	159.1	179.1	170.4	190.0	225.4	1.000
1983	152.5	187.9	218.3	164.5	184.7	248.3	186.4	162.3	183.2	165.7	178.3	231.1	1.000
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	73.0	45.8	52.6	68.3	56.5	40.4	61.0	62.7	58.8	48.8	70.8	59.3	1.000000
1971	75.7	45.8	55.0	71.8	70.6	40.4	64.4	62.9	64.4	49.3	72.1	64.4	1.000000
1972	76.6	45.8	56.5	73.7	83.6	55.4	65.8	67.6	69.8	48.9	81.3	66.0	1.000000
1973	81.3	45.8	59.1	79.0	106.8	58.5	68.5	71.3	77.4	50.0	85.6	73.0	1.000000
1974	91.6	58.6	73.7	89.5	105.4	100.0	83.9	88.0	84.3	73.3	94.3	89.1	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	104.7	100.0	119.5	108.9	123.7	118.8	106.9	100.4	112.0	106.0	102.6	117.3	1.000000
1977	111.2	109.7	129.5	116.8	148.3	125.0	115.1	106.2	114.6	108.2	118.8	138.8	1.000000
1978	111.2	109.7	141.8	122.6	172.5	125.0	124.6	110.5	120.0	109.0	118.8	154.3	1.000000
1979	116.8	120.3	157.1	136.7	189.4	181.3	137.3	118.1	134.7	127.6	146.0	161.5	1.000000
1980	134.6	154.1	179.9	153.6	172.0	265.0	154.6	143.4	152.9	156.6	186.3	187.7	1.000000
1981	143.8	171.4	200.2	163.8	171.0	265.0	178.8	154.4	166.7	175.6	186.3	207.4	1.000000
1982	149.6	182.3	217.3	167.5	160.3	272.5	184.6	159.1	179.1	170.4	190.0	225.4	1.000000
1983	152.5	187.9	218.3	164.5	184.7	248.3	186.4	162.3	183.2	165.7	178.3	231.1	1.000000

Table 69.—Mining cost indexes for Papua New Guinea

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	65.2	38.9	62.3	58.3	62.1	68.9	88.6	85.9	58.2	66.7	61.8	100.0	0.893
1971	69.7	41.5	65.8	62.1	65.8	72.7	88.6	84.9	62.1	66.3	63.9	100.0	.882
1972	74.0	44.1	69.4	66.4	87.1	77.2	91.6	80.8	65.0	64.3	67.9	100.0	.839
1973	80.1	47.8	73.3	70.5	95.6	81.5	78.2	69.1	70.0	64.2	73.5	100.0	.703
1974	83.3	49.0	84.7	81.2	97.2	86.1	84.6	81.7	84.0	81.5	90.5	100.0	.694
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.763
1976	122.6	107.8	109.1	114.4	107.0	110.9	115.5	112.9	110.5	103.0	107.8	100.0	.792
1977	122.8	112.4	108.5	115.4	118.8	103.2	122.0	118.4	109.4	99.8	116.6	100.0	.791
1978	130.1	119.0	108.1	115.4	99.2	131.7	118.2	112.0	108.2	97.9	128.0	106.3	.708
1979	137.5	125.8	115.4	123.8	99.7	155.9	130.8	129.3	117.0	110.9	136.2	127.2	.712
1980	154.1	141.0	125.3	133.9	137.8	195.2	138.8	140.1	128.8	123.2	153.8	158.1	.670
1981	166.6	152.5	139.2	151.9	153.2	227.4	161.0	148.0	144.2	131.9	165.4	181.2	.672
1982	175.7	160.8	151.0	166.6	161.5	263.3	162.8	149.3	140.7	136.2	173.5	198.1	.738
1983	189.6	173.5	173.5	182.8	184.0	251.2	177.8	151.1	158.8	149.9	181.8	223.9	.834
1984	203.5	186.2	179.7	194.3	199.1	261.9	194.7	169.7	165.4	155.5	195.5	249.8	.894
1985	210.5	192.6	195.9	212.6	219.9	275.4	195.7	183.9	183.4	162.3	203.6	262.7	.948
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	55.7	33.2	53.2	49.8	53.0	58.9	75.7	73.4	49.7	57.0	52.8	85.4	0.854423
1971	60.2	35.9	56.9	53.7	56.9	62.9	76.7	73.5	53.7	57.4	55.3	86.5	.865079
1972	67.3	40.1	63.1	60.4	79.2	70.2	83.3	73.5	59.1	58.4	61.8	90.9	.909415
1973	86.9	51.8	79.5	76.5	103.8	88.4	84.9	75.0	75.9	69.7	79.8	108.5	1.085348
1974	91.6	53.8	93.2	89.2	106.9	94.6	93.1	89.8	92.3	89.6	99.5	109.9	1.099423
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	118.1	103.8	105.1	110.2	103.1	106.8	111.2	108.8	106.5	99.3	103.9	96.3	.963383
1977	118.5	108.4	104.7	111.3	114.6	99.5	117.7	114.2	105.5	96.2	112.5	96.5	.964601
1978	140.2	128.3	116.5	124.4	106.9	141.9	127.4	120.7	116.6	105.6	137.9	114.5	1.077683
1979	147.3	134.8	123.7	132.6	106.8	167.1	140.2	138.5	125.4	118.9	146.0	136.3	1.071629
1980	175.5	160.6	142.7	152.5	157.0	222.3	158.1	159.6	146.7	140.3	175.2	180.0	1.138805
1981	189.2	173.1	158.1	172.5	173.9	258.1	182.8	168.0	163.8	149.8	187.8	205.8	1.135416
1982	181.7	166.2	156.1	172.3	167.0	272.2	168.3	154.4	145.4	140.8	179.4	204.8	1.038755
1983	173.4	158.7	158.7	167.2	168.4	229.8	162.7	138.2	145.3	137.2	166.3	204.8	.914968
1984	173.7	158.9	153.3	165.8	169.9	223.5	166.2	144.9	141.2	132.7	166.9	213.2	.853467
1985	169.4	155.0	157.7	171.1	177.0	221.7	157.5	148.0	147.6	130.6	163.9	211.4	.804852

Table 70.—Mining cost indexes for Peru

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Rits and related steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	40.6	40.6	49.9	57.1	55.2	85.5	57.8	76.1	72.5	56.0	52.4	52.8	38.700
1971	47.1	47.1	52.2	60.1	43.8	85.5	61.1	76.2	73.4	50.6	55.2	58.7	38.700
1972	51.6	51.6	53.6	63.0	51.1	85.5	62.4	76.2	76.0	52.1	58.5	55.3	38.700
1973	60.9	60.9	56.1	66.4	62.5	89.7	65.0	77.2	78.9	60.6	64.5	61.4	38.700
1974	69.2	69.2	69.9	85.1	100.1	91.5	79.6	87.7	87.3	92.5	78.2	83.2	38.700
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	40.800
1976	116.6	116.6	134.1	125.3	112.9	141.9	125.3	125.0	163.9	115.7	128.8	131.9	57.430
1977	132.9	132.9	217.1	192.0	194.1	180.3	193.5	190.3	236.1	157.1	193.5	175.3	83.800
1978	178.5	178.5	404.5	345.2	378.9	306.0	356.9	339.2	386.6	320.5	265.5	296.0	156.300
1979	279.6	279.6	703.9	594.5	719.6	488.0	616.3	566.6	795.3	573.4	439.2	488.5	224.500
1980	489.3	489.3	1069.0	894.9	1166.4	625.6	924.8	840.0	1299.5	843.1	663.9	691.7	288.700
1981	795.8	795.8	1674.2	1354.7	1765.5	1279.5	1474.0	1305.5	1944.6	1213.9	1184.3	1290.8	422.900
1982	1457.1	1457.1	2895.1	2193.7	2401.5	2751.3	2504.6	2196.8	2896.1	1817.8	2122.3	2096.2	697.600
1983	2442.6	2442.6	4625.0	4620.4	5056.8	9106.8	5298.0	4632.7	6122.0	3648.9	4714.7	4416.4	1628.600
1984	5326.1	5326.1	13689.1	10377.1	11444.0	15161.3	11677.8	10104.9	13828.2	8106.6	10797.6	9274.1	3466.900
1985	11612.7	11612.7	35987.3	28004.5	31107.0	36654.8	31441.9	26007.6	37488.3	22039.3	23628.6	20300.2	9831.701

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Rits and related steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	42.8	42.8	52.6	60.3	58.2	90.1	61.0	80.2	76.5	59.0	55.3	55.7	1.054263
1971	49.6	49.6	55.0	63.4	46.2	90.1	64.4	80.3	77.4	53.4	58.2	61.9	1.054263
1972	54.4	54.4	56.5	66.4	53.8	90.1	65.8	80.3	80.1	54.9	61.7	58.3	1.054263
1973	64.2	64.2	59.1	70.0	65.9	94.6	68.5	81.4	83.2	63.9	68.0	64.7	1.054263
1974	73.0	73.0	73.7	89.7	105.5	96.4	83.9	92.4	92.0	97.6	82.4	87.7	1.054263
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	82.8	82.8	95.2	89.0	80.2	100.8	89.0	88.8	116.4	82.2	91.5	93.7	.710430
1977	64.7	64.7	105.7	93.4	94.5	87.8	94.2	92.6	114.9	76.5	94.2	85.3	.486973
1978	46.6	46.6	105.6	90.1	98.9	79.8	93.1	88.5	100.9	83.6	69.3	77.2	.261036
1979	50.8	50.8	127.9	108.0	130.7	88.7	112.0	102.9	144.5	104.2	79.8	88.7	.181737
1980	69.1	69.1	151.0	126.4	164.8	88.4	130.7	118.7	183.6	119.1	93.8	97.7	.141323
1981	76.7	76.7	161.5	130.7	170.3	123.4	142.2	125.9	187.6	117.1	114.2	124.5	.096476
1982	85.2	85.2	169.3	128.3	140.4	160.9	146.4	128.4	169.3	106.3	124.1	122.6	.058486
1983	61.1	61.1	155.7	115.7	126.6	228.1	132.7	116.0	153.3	91.4	118.1	110.6	.025052
1984	62.6	62.6	161.1	122.1	134.6	178.4	137.4	118.9	162.7	95.4	127.0	109.1	.011768
1985	48.1	48.1	149.3	116.2	129.0	152.1	130.4	107.9	155.5	91.4	98.0	84.2	.004149

Table 71.—Mining cost indexes for Philippines

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	50.9	63.5	46.7	33.4	49.0	35.5	36.6	44.8	36.2	35.6	48.6	18.8	5.904
1971	57.5	64.5	54.1	41.9	59.0	45.2	45.2	40.9	42.6	39.9	40.6	22.2	6.432
1972	62.1	71.1	58.3	53.4	59.0	53.6	49.5	57.3	46.9	43.1	43.5	24.5	6.671
1973	77.0	74.3	65.0	67.0	68.0	58.6	52.8	62.7	60.1	53.0	50.1	31.2	6.756
1974	87.6	89.5	79.7	85.2	115.0	86.5	70.2	97.9	97.8	87.5	74.0	84.3	6.788
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	7.248
1976	98.1	112.6	108.1	111.5	124.0	112.7	112.1	105.1	105.1	109.1	87.1	109.8	7.440
1977	127.3	130.4	114.0	119.3	166.0	116.7	123.6	117.3	117.7	114.2	102.0	112.8	7.403
1978	139.1	145.9	117.5	132.1	180.0	118.6	136.7	131.0	130.3	117.7	81.9	114.8	7.366
1979	200.6	179.4	130.0	144.1	223.0	147.9	152.9	148.7	159.8	134.1	122.4	127.3	7.378
1980	212.4	217.0	145.5	163.8	320.0	202.4	181.5	154.5	181.4	154.0	146.3	166.5	7.511
1981	242.5	247.1	160.8	194.0	360.0	243.6	236.7	187.9	210.8	171.4	164.6	184.4	7.900
1982	271.0	267.6	173.2	205.1	344.0	244.2	256.4	207.3	233.0	181.3	181.6	201.8	8.540
1983	297.8	293.2	194.5	250.7	348.8	255.4	334.3	224.2	272.3	232.4	196.1	219.7	11.110
1984	455.8	444.3	248.9	332.8	463.5	303.9	455.1	309.1	360.3	338.2	287.8	324.3	16.411
1985	525.0	510.3	269.8	387.2	545.7	360.3	608.3	346.7	438.1	451.3	331.1	370.0	20.058

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	62.5	78.0	57.4	41.0	60.2	43.6	44.9	55.0	44.5	43.7	59.7	23.1	1.227642
1971	64.8	72.7	61.0	47.2	66.5	50.9	50.9	46.1	48.0	45.0	45.8	25.0	1.126965
1972	67.5	77.3	63.3	58.1	64.1	58.3	53.8	62.3	50.9	46.8	47.3	26.7	1.086493
1973	82.6	79.7	69.8	71.9	73.0	62.9	56.6	67.2	64.4	56.9	53.7	33.5	1.072824
1974	93.5	95.5	85.2	91.0	122.8	92.4	75.0	104.5	104.4	93.4	79.1	90.0	1.057766
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	95.6	109.7	105.3	108.6	120.8	109.7	109.2	102.4	102.4	106.2	84.8	106.9	.974193
1977	124.7	127.7	111.6	116.8	162.5	114.3	121.0	114.9	115.3	111.8	99.9	110.5	.979062
1978	136.9	143.6	115.6	130.0	177.1	116.7	134.5	128.9	128.2	115.8	80.6	112.9	.983980
1979	197.1	176.3	127.7	141.5	219.1	145.3	150.2	146.1	157.0	131.7	120.3	125.1	.982380
1980	205.0	209.4	140.4	158.0	308.8	195.3	175.2	149.1	175.1	148.6	141.2	160.7	.964984
1981	222.5	226.7	147.5	178.0	330.3	223.5	217.2	172.4	193.4	157.2	151.0	169.2	.917468
1982	230.0	227.1	147.0	174.1	291.9	207.3	217.6	176.0	197.7	153.8	154.1	171.3	.848711
1983	194.2	191.3	126.8	163.5	227.5	166.6	218.1	146.2	177.6	151.6	127.9	143.3	.652385
1984	201.3	196.2	109.9	146.9	204.7	134.2	201.0	136.5	159.1	149.3	127.1	143.2	.441654
1985	189.7	184.4	97.5	139.9	197.2	130.2	219.8	125.2	158.3	163.0	119.6	133.7	.361352

Table 72.—Mining cost indexes for Portugal

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	30.3	38.5	42.4	69.5	50.4	50.9	70.6	63.8	69.4	61.4	77.0	45.6	28.750
1971	32.5	39.2	44.2	70.6	53.8	51.0	71.3	64.7	71.1	62.4	84.5	48.7	28.323
1972	37.6	43.2	49.5	73.6	55.0	51.4	73.4	67.6	71.4	65.4	84.9	47.7	27.011
1973	43.0	50.0	60.2	79.6	58.4	51.8	77.6	73.4	74.2	71.4	84.6	53.7	24.673
1974	65.0	71.6	84.4	95.2	85.5	86.3	96.5	94.4	91.1	97.9	94.9	69.7	25.408
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	25.553
1976	112.8	116.9	119.0	123.4	108.2	136.3	101.9	106.3	124.8	109.4	116.7	128.4	30.223
1977	139.3	136.1	185.9	172.5	132.1	163.6	119.5	148.9	164.9	141.5	142.7	146.4	38.277
1978	151.6	148.3	254.1	186.0	161.5	209.5	167.4	162.6	224.6	179.9	171.4	191.8	43.940
1979	201.7	182.8	322.9	207.6	190.9	254.1	171.3	211.9	258.3	248.2	210.9	288.9	48.923
1980	252.1	233.8	378.0	258.3	238.4	371.7	239.4	273.8	333.8	335.4	234.2	362.2	50.062
1981	299.3	274.4	385.1	352.4	285.8	418.4	265.6	304.4	403.9	454.4	274.6	428.7	61.546
1982	371.4	337.3	423.5	418.7	317.4	519.4	338.2	330.8	488.6	587.1	334.3	530.6	79.473
1983	447.4	403.6	518.2	447.7	350.9	689.7	405.1	366.3	626.2	732.3	411.7	708.2	110.780
1984	555.1	497.7	652.4	612.2	386.3	897.0	524.9	425.5	816.9	988.3	523.4	924.5	146.105
1985	686.7	612.6	787.4	749.5	422.6	1108.5	644.3	484.2	1013.1	1285.7	638.3	1145.2	182.248

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	26.9	34.2	37.7	61.8	44.8	45.2	62.7	56.7	61.7	54.6	68.4	40.6	0.888800
1971	29.3	35.4	39.9	63.6	48.5	46.0	64.3	58.4	64.1	56.3	76.2	43.9	.902199
1972	35.6	40.9	46.9	69.6	52.0	48.6	69.4	64.0	67.6	61.9	80.3	45.1	.946021
1973	44.6	51.8	62.4	82.4	60.5	53.7	80.4	76.0	76.8	74.0	87.6	55.6	1.035666
1974	65.3	72.0	84.8	95.7	86.0	86.8	97.0	94.9	91.6	98.4	95.4	70.1	1.005706
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	95.4	98.8	100.6	104.4	91.5	115.3	86.2	89.9	105.5	92.5	98.6	108.6	.845481
1977	93.0	90.9	124.1	115.2	88.2	109.2	79.8	99.4	110.0	94.5	95.3	97.7	.667581
1978	88.1	86.2	147.8	108.1	93.9	121.8	97.3	94.5	130.6	104.6	99.6	111.5	.581543
1979	105.3	95.4	168.7	108.4	99.7	132.7	89.5	110.6	134.9	129.6	110.1	150.9	.522310
1980	128.7	119.3	192.9	131.8	121.6	189.7	122.2	139.8	170.4	171.2	119.5	184.8	.510427
1981	124.2	113.9	159.9	146.3	118.6	173.7	110.2	126.3	167.6	188.6	114.0	178.0	.415185
1982	119.4	108.4	136.1	134.6	102.0	167.0	108.7	106.3	157.1	188.7	107.5	170.6	.321530
1983	103.2	93.1	119.5	103.2	80.9	159.0	93.4	84.5	144.4	168.9	94.9	163.3	.230664
1984	97.0	87.0	114.1	107.0	67.5	156.8	91.8	74.4	142.8	172.8	91.5	161.6	.174894
1985	96.2	85.9	110.4	105.0	59.2	155.4	90.3	67.8	142.0	180.2	89.5	160.5	.140210

Table 73.—Mining cost indexes for Saudi Arabia

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Ruel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	33.9	33.9	67.3	71.4	44.7	167.8	38.0	69.8	49.7	62.4	72.3	285.7	4.500
1971	36.4	36.4	70.2	70.5	45.0	222.3	39.7	70.8	50.5	62.9	73.5	285.7	4.487
1972	38.9	38.9	66.6	74.2	40.2	168.5	46.3	72.3	45.7	57.6	73.5	200.0	4.145
1973	40.3	40.3	62.2	83.0	44.9	168.9	49.9	74.9	64.9	52.6	90.2	200.0	3.701
1974	68.2	68.2	74.4	123.5	91.9	97.1	92.7	100.5	98.7	74.0	83.2	100.0	3.550
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	3.518
1976	145.8	145.8	119.9	96.8	119.4	87.7	110.4	93.7	110.9	106.4	147.0	100.0	3.530
1977	190.8	190.8	129.8	100.4	122.5	94.0	111.6	100.1	101.6	108.4	173.8	100.0	3.525
1978	216.9	216.9	137.0	120.9	127.9	153.1	137.1	106.3	108.3	105.4	279.3	100.0	3.400
1979	223.4	223.4	150.1	134.1	131.3	155.1	146.4	112.4	114.0	121.9	304.9	100.0	3.361
1980	233.4	233.4	170.2	143.8	138.6	147.4	147.0	128.5	123.5	148.1	314.9	100.0	3.327
1981	237.2	237.2	192.5	163.6	141.9	145.7	150.3	146.4	132.2	168.9	327.4	100.0	3.383
1982	238.2	238.2	211.7	152.9	135.1	146.2	158.4	132.3	148.1	166.1	340.5	100.6	3.427
1983	244.2	244.2	214.4	134.1	130.4	147.3	161.8	140.2	154.7	162.8	339.7	101.2	3.455
1984	239.7	239.7	220.4	143.4	124.5	143.9	167.9	152.6	143.8	179.2	344.8	98.8	3.522
1985	248.0	248.0	226.1	157.1	122.5	140.6	175.6	170.3	160.1	190.5	354.2	96.6	3.590
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Ruel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	26.5	26.5	52.6	55.8	34.9	131.2	29.7	54.5	38.9	48.8	56.5	223.4	0.781777
1971	28.5	28.5	55.0	55.3	35.3	174.3	31.1	55.5	39.6	49.3	57.6	224.0	.784042
1972	33.0	33.0	56.5	63.0	34.1	143.0	39.3	61.3	38.8	48.9	62.4	169.7	.848733
1973	38.3	38.3	59.1	78.9	42.7	160.6	47.4	71.2	61.7	50.0	85.8	190.1	.950553
1974	67.6	67.6	73.7	122.4	91.1	96.2	91.9	99.6	97.9	73.3	82.5	99.1	.990985
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	145.3	145.3	119.5	96.5	119.0	87.5	110.0	93.4	110.5	106.0	146.5	99.7	.996600
1977	190.4	190.4	129.5	100.2	122.3	93.8	111.4	99.9	101.4	108.2	173.4	99.8	.998014
1978	224.4	224.4	141.8	125.1	132.3	158.5	141.8	110.0	112.1	109.0	289.0	103.5	1.034705
1979	233.8	233.8	157.2	140.3	137.5	162.4	153.3	117.7	119.4	127.6	319.1	104.7	1.046712
1980	246.8	246.8	179.9	152.1	146.6	155.8	155.5	135.9	130.6	156.6	333.0	105.7	1.057409
1981	246.6	246.6	200.2	170.1	147.5	151.6	156.3	152.2	137.5	175.6	340.5	104.0	1.039905
1982	244.5	244.5	217.3	156.9	138.7	150.0	162.6	135.9	152.1	170.5	349.6	103.3	1.026553
1983	248.7	248.7	218.3	136.6	132.7	150.0	164.8	142.8	157.5	165.7	345.9	103.0	1.018234
1984	239.5	239.5	220.1	143.2	124.4	143.8	167.7	152.5	143.6	179.0	344.4	98.7	.998864
1985	243.0	243.0	221.6	153.9	120.1	137.8	172.1	166.9	156.9	186.7	347.1	94.6	.979944

Table 74.—Mining cost indexes for Senegal

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	37.1	37.1	62.6	59.7	44.0	62.6	66.9	60.4	56.5	61.5	81.6	61.3	277.710
1971	55.8	55.8	66.0	62.8	45.5	64.7	70.4	67.3	56.5	63.5	79.5	62.1	277.130
1972	55.8	55.8	69.1	64.3	48.8	65.6	72.7	72.8	57.1	65.7	74.9	61.9	252.210
1973	55.8	55.8	72.3	72.4	109.7	66.3	73.1	76.4	61.0	70.2	73.7	63.0	222.700
1974	74.7	74.7	86.2	96.9	106.8	100.9	89.4	91.7	79.7	92.4	79.7	91.5	240.500
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	214.320
1976	100.0	100.0	113.0	106.2	125.3	110.6	110.2	129.0	111.8	104.6	120.3	100.0	238.980
1977	104.1	104.1	121.3	112.0	143.8	119.8	116.6	120.6	118.2	109.7	120.1	91.3	245.670
1978	104.1	104.1	135.6	122.2	158.9	118.5	124.4	131.4	132.0	114.3	119.9	90.5	225.640
1979	104.1	104.1	153.0	136.1	165.8	137.4	140.0	154.1	157.1	131.9	119.9	90.5	212.720
1980	125.9	125.9	173.1	144.4	195.9	162.7	160.0	180.9	192.0	157.2	119.9	98.5	211.300
1981	131.7	131.7	196.8	146.8	213.1	237.0	179.0	204.7	229.4	179.5	119.9	108.9	271.730
1982	154.9	154.9	222.5	182.3	213.0	261.3	193.9	227.7	257.5	202.2	153.7	115.1	328.620
1983	166.0	166.0	241.4	213.3	211.1	271.1	201.7	247.3	273.6	221.3	161.7	117.6	381.070
1984	177.4	177.4	260.0	217.7	232.2	281.9	200.6	264.4	284.4	243.1	170.7	120.3	423.095
1985	195.9	195.9	284.9	238.4	257.6	260.7	218.7	291.4	343.2	267.7	182.3	127.0	383.350

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	28.6	28.6	48.3	46.1	34.0	48.3	51.6	46.6	43.6	47.4	63.0	47.3	0.771740
1971	43.2	43.2	51.0	48.6	35.1	50.1	54.4	52.0	43.7	49.1	61.4	48.0	.773355
1972	47.5	47.5	58.7	54.6	41.5	55.7	61.8	61.9	48.5	55.9	63.6	52.6	.849768
1973	53.7	53.7	69.6	69.7	105.5	63.8	70.3	73.6	58.7	67.5	71.0	60.7	.962370
1974	66.6	66.6	76.8	86.4	95.2	90.0	79.6	81.7	71.0	82.3	71.0	81.6	.891143
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	89.7	89.7	101.3	95.3	112.4	99.2	98.8	115.7	100.2	93.8	107.9	89.7	.896811
1977	90.8	90.8	105.8	97.7	125.4	104.5	101.7	105.2	103.1	95.7	104.8	79.7	.872389
1978	98.9	98.9	128.8	116.0	150.9	112.5	118.1	124.8	125.4	108.6	113.9	86.0	.949831
1979	104.9	104.9	154.1	137.1	167.1	138.5	141.1	155.3	158.3	132.9	120.8	91.2	1.007521
1980	127.7	127.7	175.6	146.4	198.7	165.0	162.3	183.5	194.7	159.5	121.6	99.9	1.014292
1981	103.8	103.8	155.2	115.8	168.1	186.9	141.2	161.4	180.9	141.6	94.5	85.9	.788724
1982	101.0	101.0	145.1	118.9	138.9	170.4	126.4	148.5	167.9	131.8	100.2	75.0	.652181
1983	93.3	93.3	135.7	120.0	118.7	152.4	113.4	139.1	153.9	124.5	90.9	66.1	.562416
1984	89.8	89.8	131.7	110.3	117.6	142.8	101.6	133.9	144.1	123.1	86.4	60.9	.506552
1985	109.5	109.5	159.2	133.3	144.0	145.7	122.2	162.9	191.8	149.6	101.9	71.0	.559071

Table 75.—Mining cost indexes for Sierra Leone

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	81.5	107.0	55.8	49.6	31.4	31.3	48.2	49.2	40.6	49.4	80.7	31.3	0.833
1971	80.3	103.8	59.8	54.2	32.4	33.4	48.9	55.4	40.5	52.6	75.6	33.4	.830
1972	86.0	105.3	64.7	57.6	36.8	33.2	53.8	59.5	43.1	54.1	74.4	33.2	.799
1973	90.5	95.2	69.9	69.8	95.6	38.3	67.2	66.6	53.2	61.8	74.8	38.3	.816
1974	92.9	97.7	82.0	88.9	90.4	88.8	85.8	80.2	67.4	83.8	85.5	88.8	.855
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.900
1976	109.4	114.7	116.3	120.1	138.3	112.2	124.9	128.6	123.3	120.9	120.4	112.2	1.107
1977	112.0	124.5	133.4	135.3	159.7	126.1	141.3	136.3	131.3	137.0	131.5	126.1	1.146
1978	113.0	128.7	149.7	148.8	176.1	131.5	150.8	147.8	146.2	143.7	148.0	131.5	1.050
1979	114.0	151.9	181.3	179.7	196.3	149.7	169.1	184.7	186.0	184.0	172.0	149.7	1.058
1980	133.7	199.1	223.1	210.3	231.7	257.6	180.3	223.9	236.5	214.1	233.8	257.6	1.050
1981	143.5	258.6	234.1	204.4	216.1	306.7	188.1	219.8	232.6	211.3	272.6	306.7	1.158
1982	145.6	267.0	228.4	212.0	191.1	317.1	199.1	218.9	230.9	213.2	277.5	306.7	1.238
1983	157.5	314.8	305.3	263.2	221.4	372.0	217.3	276.4	286.9	268.6	326.2	366.8	1.678
1984	164.0	330.0	434.3	368.6	304.1	527.1	307.8	393.6	401.8	381.0	456.1	527.1	2.510
1985	170.4	355.1	448.8	404.9	366.0	527.1	359.2	444.8	534.9	431.8	456.1	527.1	2.510

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	88.0	115.6	60.3	53.5	34.0	33.8	52.1	53.1	43.8	53.4	87.2	33.8	1.080432
1971	87.1	112.6	64.8	58.7	35.1	36.2	53.1	60.1	43.9	57.0	82.0	36.2	1.084337
1972	96.9	118.6	72.9	64.8	41.5	37.4	60.6	67.0	48.5	61.0	83.8	37.4	1.126408
1973	99.8	105.0	77.1	77.0	105.5	42.2	74.1	73.4	58.7	68.2	82.5	42.2	1.102941
1974	97.8	102.9	86.3	93.6	95.2	93.5	90.3	84.4	71.0	88.2	90.0	93.5	1.052631
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	88.9	93.2	94.6	97.6	112.4	91.2	101.6	104.5	100.2	98.3	97.8	91.2	.813008
1977	88.0	97.7	104.8	106.3	125.4	99.0	111.0	107.0	103.1	107.6	103.3	99.0	.785340
1978	96.9	110.3	128.3	127.5	150.9	112.7	129.2	126.7	125.3	123.2	126.8	112.7	.857142
1979	97.0	129.2	154.2	152.8	167.0	127.3	143.8	157.1	158.2	156.5	146.3	127.3	.850661
1980	114.6	170.7	191.3	180.3	198.6	220.8	154.5	191.9	202.7	183.5	200.4	220.8	.857142
1981	111.5	201.0	181.9	158.9	168.0	238.4	146.1	170.8	180.8	164.2	211.8	238.4	.777202
1982	105.8	194.1	166.0	154.1	138.9	230.5	144.7	159.1	167.9	155.0	201.7	223.0	.726978
1983	84.5	168.8	163.7	141.1	118.7	199.5	116.5	148.2	153.9	144.0	174.9	196.7	.536352
1984	58.8	118.3	155.7	132.2	109.0	189.0	110.3	141.1	144.0	136.6	163.5	189.0	.358565
1985	61.1	127.3	160.9	145.1	131.2	189.0	128.8	159.5	191.8	154.8	163.5	189.0	.358565

Table 76.—Mining cost indexes for Republic of South Africa

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	38.8	58.5	51.8	47.7	56.1	49.6	53.1	62.0	57.2	58.2	65.9	69.7	0.714
1971	40.6	63.1	54.9	49.2	61.3	52.8	54.2	63.9	59.3	60.1	69.4	72.6	.715
1972	45.4	70.7	59.0	53.6	64.3	54.7	57.3	65.1	62.0	62.7	71.5	76.8	.768
1973	53.3	76.6	64.9	64.4	69.4	57.6	61.6	70.5	69.2	67.0	76.9	81.6	.692
1974	72.0	84.4	78.5	76.8	84.8	83.3	70.7	89.4	82.0	82.0	84.7	85.8	.679
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.732
1976	115.2	109.9	117.9	116.7	104.4	140.6	106.4	111.0	117.5	110.3	113.4	130.3	.870
1977	127.2	122.4	129.3	130.6	117.4	167.4	116.8	127.4	131.6	124.3	117.8	193.1	.870
1978	147.4	134.0	142.2	146.6	146.2	169.4	135.0	139.3	144.7	137.9	124.4	225.0	.870
1979	168.6	146.2	157.9	174.0	158.1	275.5	155.0	154.3	168.5	155.3	136.0	238.7	.842
1980	203.5	173.9	180.8	197.3	184.9	334.3	190.3	177.9	194.7	182.1	151.3	254.6	.778
1981	245.5	204.1	202.2	222.3	217.4	366.3	192.9	189.3	217.7	199.1	171.6	286.9	.870
1982	268.8	239.9	230.5	260.5	226.3	422.8	236.5	212.2	255.5	230.1	192.6	341.6	1.084
1983	326.6	283.1	254.6	294.1	244.5	422.1	269.8	227.8	291.2	253.3	232.0	394.3	1.112
1984	236.7	304.9	286.3	317.8	265.4	503.3	302.0	255.2	315.8	289.8	227.1	417.1	1.438
1985	261.6	344.6	319.9	367.0	315.5	494.1	340.6	281.6	363.6	325.4	264.7	487.4	1.461

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	39.8	60.0	53.1	48.9	57.5	50.9	54.5	63.6	58.6	59.7	67.6	71.5	1.025210
1971	41.6	64.6	56.2	50.4	62.8	54.1	55.5	65.4	60.7	61.5	71.1	74.3	1.023776
1972	43.3	67.4	56.2	51.1	61.3	52.2	54.6	62.0	59.1	59.8	68.2	73.2	.953125
1973	56.3	81.0	68.7	68.1	73.4	61.0	65.2	74.6	73.2	70.9	81.3	86.3	1.057803
1974	77.6	91.0	84.6	82.8	91.4	89.9	76.2	96.4	88.4	88.4	91.3	92.5	1.078055
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	96.9	92.5	99.2	98.2	87.8	118.3	89.5	93.4	98.9	92.8	95.4	109.6	.841379
1977	107.0	103.0	108.8	109.9	98.8	140.9	98.2	107.2	110.7	104.6	99.1	162.5	.841379
1978	124.0	112.7	119.6	123.3	123.0	142.5	113.6	117.2	121.7	116.0	104.7	189.3	.841379
1979	146.5	127.1	137.3	151.2	137.5	239.5	134.7	134.1	146.5	135.0	118.2	207.5	.869358
1980	191.4	163.6	170.1	185.6	173.9	314.5	179.0	167.4	183.2	171.3	142.4	239.6	.940874
1981	207.4	171.7	170.1	187.0	182.9	308.2	162.3	159.3	183.2	167.5	144.3	241.4	.841379
1982	181.5	162.0	155.6	175.9	152.8	285.5	159.7	143.3	172.5	155.4	130.0	230.6	.675276
1983	215.0	186.3	167.6	193.6	160.9	277.9	177.6	149.9	191.7	166.7	152.7	253.0	.688273
1984	120.5	155.2	145.7	161.7	135.1	256.2	153.7	129.9	160.7	147.5	115.6	212.3	.509040
1985	131.0	172.6	160.3	183.8	158.1	247.6	170.6	141.1	182.1	163.0	132.6	244.2	.501026

Table 77.—Mining cost indexes for Spain

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	37.5	35.3	62.5	68.3	45.2	51.5	65.3	76.6	47.9	52.9	69.6	66.6	70.000
1971	41.6	40.8	64.2	69.5	45.2	54.8	67.9	76.8	49.2	56.1	73.9	69.9	69.470
1972	48.5	48.2	65.6	71.8	46.1	55.5	66.9	76.9	51.7	57.1	77.3	69.9	64.270
1973	56.9	58.0	69.3	79.6	58.8	56.8	67.1	79.6	62.4	62.0	81.1	72.3	58.260
1974	74.4	78.2	79.4	99.6	104.5	81.4	76.6	93.5	90.5	92.7	89.0	85.0	57.690
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	57.410
1976	129.1	131.6	118.6	113.6	102.3	123.1	106.2	114.1	113.6	106.9	145.9	118.2	66.900
1977	151.9	166.1	142.4	134.1	111.3	131.2	120.5	140.5	137.4	126.0	157.6	135.8	75.960
1978	176.3	212.0	183.2	162.8	119.0	142.4	145.5	176.6	163.0	108.6	196.5	142.9	76.670
1979	215.2	265.3	218.6	185.3	128.5	175.7	175.7	199.9	184.8	167.7	208.6	198.0	67.130
1980	251.5	286.4	246.7	209.6	133.0	272.2	226.5	244.7	220.7	209.4	229.9	198.0	71.700
1981	322.6	372.5	276.6	224.4	139.4	405.5	294.1	292.8	282.7	241.3	251.9	243.8	92.310
1982	367.5	428.4	310.7	254.8	153.5	443.2	326.9	323.8	320.1	272.3	274.5	276.1	109.860
1983	423.5	476.4	351.7	282.3	174.3	552.4	375.7	379.2	359.7	306.1	300.2	308.4	143.430
1984	464.0	514.4	393.5	313.8	180.8	586.1	412.4	408.9	388.8	339.3	328.4	331.1	161.690
1985	509.5	562.1	430.1	340.3	193.6	652.9	454.3	447.4	425.9	370.4	347.9	360.2	149.000
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	30.7	29.0	51.3	56.0	37.1	42.3	53.5	62.8	39.3	43.4	57.1	54.6	0.820142
1971	34.4	33.7	53.1	57.4	37.4	45.3	56.1	63.5	40.6	46.4	61.1	57.8	.826399
1972	43.3	43.0	58.6	64.2	41.1	49.6	59.8	68.7	46.2	51.0	69.0	62.5	.893262
1973	56.0	57.1	68.3	78.4	58.0	56.0	66.1	78.4	61.5	61.1	79.9	71.2	.985410
1974	74.0	77.8	79.0	99.1	104.0	81.0	76.2	93.0	90.1	92.2	88.6	84.5	.995146
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	110.8	113.0	101.8	97.5	87.7	105.7	91.1	97.9	97.5	91.7	125.2	101.4	.858146
1977	114.8	125.5	107.6	101.3	84.1	99.1	91.0	106.2	103.8	95.3	119.1	102.6	.755792
1978	132.0	158.7	137.2	121.9	89.1	106.6	108.9	132.2	122.0	81.3	147.1	107.0	.748793
1979	184.0	226.9	186.9	158.4	109.9	150.2	150.3	171.0	158.0	143.4	178.4	169.4	.855206
1980	201.3	229.3	197.5	167.8	106.5	218.0	181.4	195.9	176.7	167.6	184.1	158.6	.800697
1981	200.6	231.7	172.0	139.5	86.7	252.2	182.9	182.1	175.8	150.1	156.7	151.6	.621926
1982	192.0	223.8	162.4	133.1	80.2	231.6	170.8	169.2	167.3	142.3	143.4	144.3	.522574
1983	169.5	190.7	140.7	113.0	69.7	221.1	150.4	151.7	143.9	122.5	120.1	123.4	.400264
1984	164.7	182.6	139.7	111.4	64.1	208.1	146.4	145.2	138.0	120.4	116.6	117.5	.355062
1985	196.3	216.6	165.7	131.1	74.6	251.5	175.0	172.4	164.1	142.7	134.0	138.8	.385302

Table 78.—Mining cost indexes for Sri Lanka

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	59.7	67.5	80.2	48.4	77.5	71.4	23.7	43.7	62.0	64.9	75.7	71.3	5.952
1971	50.8	68.3	80.3	51.8	77.5	72.3	20.5	45.1	63.2	65.1	76.4	89.6	5.935
1972	85.1	76.2	81.4	58.8	77.5	72.8	21.1	47.8	66.7	68.2	79.3	91.8	6.001
1973	86.2	70.6	86.1	65.7	77.5	75.1	32.7	54.0	75.4	81.4	79.9	90.7	6.405
1974	83.4	88.9	90.8	102.9	100.0	96.3	59.4	86.2	95.9	98.1	97.7	101.7	6.649
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	7.050
1976	105.8	113.5	88.2	99.5	100.0	107.1	66.9	93.3	102.3	83.9	99.7	100.0	8.459
1977	133.3	117.5	93.2	97.8	100.0	105.4	70.7	88.2	108.8	61.5	109.1	105.7	9.153
1978	163.9	127.8	99.2	120.3	168.2	105.4	149.9	108.9	144.4	79.0	109.5	107.9	15.608
1979	173.3	134.9	112.8	155.9	293.0	176.4	183.0	113.6	191.2	89.8	187.3	149.4	15.569
1980	174.3	172.2	126.4	179.0	491.5	342.6	257.9	133.5	274.3	106.5	227.9	205.2	16.534
1981	221.1	276.2	146.9	211.9	631.0	450.2	316.3	158.1	326.3	170.0	227.9	246.3	19.246
1982	247.2	320.4	152.2	236.5	640.1	456.0	262.1	171.1	339.7	179.8	235.1	252.5	20.812
1983	250.2	327.4	166.6	237.2	698.7	555.0	254.6	164.7	359.7	207.3	250.6	269.7	23.561
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	70.8	79.9	95.0	57.3	91.8	84.6	28.0	51.8	73.4	76.8	89.6	84.5	1.184475
1971	60.4	81.1	95.4	61.6	92.1	85.9	24.4	53.6	75.0	77.3	90.8	106.4	1.187868
1972	100.0	89.5	95.6	69.1	91.1	85.6	24.8	56.2	78.3	80.1	93.2	107.9	1.174804
1973	94.9	77.8	94.7	72.3	85.3	82.7	36.0	59.5	83.0	89.6	87.9	99.8	1.100702
1974	88.4	94.3	96.3	109.1	106.0	102.2	63.0	91.5	101.7	104.1	103.6	107.9	1.060099
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	88.2	94.6	73.5	82.9	83.3	89.3	55.7	77.8	85.3	69.9	83.1	83.3	.833411
1977	102.7	90.5	71.8	75.3	77.0	81.2	54.5	67.9	83.8	47.4	84.0	81.4	.770239
1978	74.0	57.7	44.8	54.3	76.0	47.6	67.7	49.1	65.2	35.7	49.4	48.7	.451691
1979	78.4	61.1	51.1	70.6	132.7	79.8	82.9	51.4	86.6	40.6	84.8	67.6	.452822
1980	74.3	73.4	53.9	76.3	209.5	146.0	109.9	56.9	116.9	45.4	97.1	87.4	.426394
1981	81.0	101.1	53.8	77.6	231.1	164.9	115.8	57.9	119.5	62.2	83.4	90.2	.366309
1982	83.7	108.5	51.5	80.1	216.8	154.4	88.8	57.9	115.0	60.9	79.6	85.5	.338746
1983	74.8	97.9	49.8	70.9	209.0	166.0	76.1	49.2	107.6	62.0	75.0	80.7	.299223

Table 79.—Mining cost indexes for Sudan

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	55.8	55.4	65.8	54.8	34.0	11.9	48.7	54.5	53.1	47.8	55.4	55.4	0.348
1971	56.5	56.2	69.8	60.3	35.2	15.6	53.1	55.5	60.1	50.1	56.2	56.2	.348
1972	63.1	62.8	76.7	65.4	41.5	17.4	56.4	61.3	68.0	50.0	62.9	62.8	.348
1973	73.9	73.6	80.4	71.2	105.5	24.8	60.9	71.2	84.1	52.9	73.6	73.6	.348
1974	93.1	92.9	88.2	86.3	95.2	102.8	74.8	99.6	94.3	74.9	93.0	92.9	.348
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.348
1976	103.3	103.3	95.3	96.5	122.4	107.3	147.5	93.4	100.8	147.9	103.3	103.2	.348
1977	106.0	107.1	104.1	109.9	125.4	117.4	176.3	99.9	114.7	176.7	107.1	107.0	.348
1978	127.2	125.3	133.0	146.9	162.8	127.7	194.4	118.7	186.7	181.7	125.3	125.2	.376
1979	157.2	157.3	175.7	209.2	203.8	208.1	224.3	143.6	192.7	227.1	157.5	157.2	.425
1980	198.8	198.0	250.2	316.0	285.3	401.8	274.1	195.1	249.2	276.9	198.2	198.0	.500
1981	254.3	253.7	254.3	308.1	258.2	483.4	378.5	233.8	226.3	354.6	253.9	253.6	.535
1982	304.7	303.9	398.5	500.9	374.4	820.7	1022.5	366.0	373.4	769.8	304.1	303.3	.998
1983	363.2	362.3	539.3	639.6	444.0	1027.5	1807.0	533.0	481.8	1294.0	362.6	362.2	1.300
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	55.8	55.4	65.8	54.8	34.0	11.9	48.7	54.5	53.1	47.8	55.4	55.4	1.000000
1971	56.5	56.2	69.8	60.3	35.2	15.6	53.1	55.5	60.1	50.1	56.2	56.2	1.000000
1972	63.1	62.8	76.7	65.4	41.5	17.4	56.4	61.3	68.0	50.0	62.9	62.8	1.000000
1973	73.9	73.6	80.4	71.2	105.5	24.8	60.9	71.2	84.1	52.9	73.6	73.6	1.000000
1974	93.1	92.9	88.2	86.3	95.2	102.8	74.8	99.6	94.3	74.9	93.0	92.9	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	103.3	103.3	95.3	96.5	122.4	107.3	147.5	93.4	100.8	147.9	103.3	103.2	1.000000
1977	106.0	107.1	104.1	109.9	125.4	117.4	176.3	99.9	114.7	176.7	107.1	107.0	1.000000
1978	117.7	115.9	123.1	135.9	150.7	118.2	179.9	109.8	172.8	168.1	116.0	115.9	.92531
1979	128.7	128.8	143.9	171.3	166.8	170.4	183.7	117.5	157.8	186.0	128.9	128.7	.818823
1980	138.4	137.8	174.1	219.9	198.6	279.6	190.8	135.8	173.4	192.7	137.9	137.8	.696000
1981	165.4	165.0	165.4	200.4	167.9	314.4	246.2	152.1	147.2	230.7	165.1	165.0	.650467
1982	113.0	112.7	147.8	185.8	138.9	304.4	379.3	135.7	138.5	285.6	112.8	112.5	.371002
1983	97.2	96.9	144.3	171.2	118.8	275.0	483.7	142.6	128.9	346.4	97.0	96.9	.267692

Table 80.—Mining cost indexes for Suriname

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	81.3	81.3	55.5	63.6	91.3	28.7	64.4	84.7	118.8	51.5	63.8	73.3	1.885
1971	81.9	81.9	55.0	63.4	88.5	27.7	64.4	80.3	119.5	49.3	67.1	76.0	1.785
1972	85.8	85.8	56.5	66.4	83.1	29.1	65.8	80.3	126.6	48.9	70.6	78.8	1.785
1973	89.9	89.9	59.1	70.0	93.2	72.8	68.5	81.4	138.5	50.0	75.0	77.8	1.785
1974	94.6	94.6	73.7	89.7	111.5	90.5	83.9	92.4	160.9	73.3	88.6	97.2	1.785
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	174.0	100.0	100.0	100.0	1.785
1976	121.6	121.6	119.5	106.9	102.0	100.8	106.9	106.5	187.7	106.0	100.0	103.7	1.785
1977	135.1	135.1	129.5	113.6	146.6	106.2	115.1	112.4	204.9	108.2	105.4	111.8	1.785
1978	155.4	155.4	141.8	119.3	162.8	111.8	124.6	116.9	228.3	109.0	116.4	118.7	1.785
1979	183.8	183.8	157.1	133.0	172.3	192.4	137.3	124.6	251.4	127.6	140.6	128.3	1.785
1980	208.6	208.6	179.9	149.5	177.0	260.5	154.6	140.6	266.4	156.6	142.9	136.8	1.785
1981	230.6	230.6	200.2	159.4	191.2	280.1	178.8	155.9	283.0	175.6	154.7	146.3	1.785
1982	242.3	242.3	217.3	163.0	209.0	257.7	184.6	162.4	288.0	170.4	167.7	156.7	1.785
1983	253.9	253.9	218.3	160.1	217.4	250.6	186.4	162.5	297.7	165.7	174.4	162.1	1.785
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	77.0	77.0	52.6	60.2	86.5	27.2	61.0	80.2	112.5	48.8	60.4	69.4	0.946949
1971	81.9	81.9	55.0	63.4	88.5	27.7	64.4	80.3	119.5	49.3	67.1	76.0	1.000000
1972	85.8	85.8	56.5	66.4	83.1	29.1	65.8	80.3	126.6	48.9	70.6	78.8	1.000000
1973	89.9	89.9	59.1	70.0	93.2	72.8	68.5	81.4	138.5	50.0	75.0	77.8	1.000000
1974	94.6	94.6	73.7	89.7	111.5	90.5	83.9	92.4	160.9	73.3	88.6	97.2	1.000000
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	174.0	100.0	100.0	100.0	1.000000
1976	121.6	121.6	119.5	106.9	102.0	100.8	106.9	106.5	187.7	106.0	100.0	103.7	1.000000
1977	135.1	135.1	129.5	113.6	146.6	106.2	115.1	112.4	204.9	108.2	105.4	111.8	1.000000
1978	155.4	155.4	141.8	119.3	162.8	111.8	124.6	116.9	228.3	109.0	116.4	118.7	1.000000
1979	183.8	183.8	157.1	133.0	172.3	192.4	137.3	124.6	251.4	127.6	140.6	128.3	1.000000
1980	208.6	208.6	179.9	149.5	177.0	260.5	154.6	140.6	266.4	156.6	142.9	136.8	1.000000
1981	230.6	230.6	200.2	159.4	191.2	280.1	178.8	155.9	283.0	175.6	154.7	146.3	1.000000
1982	242.3	242.3	217.3	163.0	209.0	257.7	184.6	162.4	288.0	170.4	167.7	156.7	1.000000
1983	253.9	253.9	218.3	160.1	217.4	250.6	186.4	162.5	297.7	165.7	174.4	162.1	1.000000

Table 81.—Mining cost indexes for Swaziland

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	49.7	63.4	51.8	47.7	56.1	49.6	53.1	62.0	57.2	58.2	62.0	84.4	0.714
1971	54.7	63.3	54.9	49.2	61.3	52.8	54.2	63.9	59.3	60.1	70.9	87.9	.715
1972	64.2	67.7	59.0	53.6	64.3	54.7	57.3	65.1	62.0	62.7	76.4	93.0	.768
1973	65.6	67.7	64.9	64.4	69.4	57.6	61.6	70.5	69.2	67.0	74.4	90.2	.692
1974	81.1	87.1	78.5	76.8	84.8	83.3	70.7	89.4	82.0	82.0	87.2	97.7	.679
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.732
1976	127.9	167.7	117.9	116.7	104.4	140.6	106.4	111.0	117.5	110.3	114.6	102.0	.870
1977	153.4	161.3	129.3	130.6	117.4	167.4	116.8	127.4	131.6	124.3	129.4	116.2	.870
1978	181.3	303.2	142.2	146.6	146.2	169.4	135.0	139.3	144.7	137.9	171.4	123.5	.870
1979	193.9	248.4	157.9	174.0	158.1	275.5	149.5	154.3	168.5	155.3	173.0	135.8	.842
1980	237.2	303.2	180.8	197.3	184.9	334.3	183.6	177.9	194.7	182.1	225.0	142.5	.778
1981	285.3	325.8	202.2	222.3	217.4	361.0	198.9	189.3	217.7	199.1	517.9	166.0	.870
1982	329.1	412.0	231.5	260.5	226.3	416.7	228.2	212.2	255.5	230.1	611.5	195.7	1.084
1983	375.0	470.1	262.2	294.1	244.5	425.3	251.3	229.6	291.2	251.8	658.4	197.3	1.112
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	51.0	65.0	53.1	48.9	57.5	50.9	54.5	63.6	58.6	59.7	63.5	86.6	1.025210
1971	56.0	64.8	56.2	50.4	62.8	54.1	55.5	65.4	60.7	61.5	72.6	90.0	1.023776
1972	61.2	64.6	56.2	51.1	61.3	52.2	54.6	62.0	59.1	59.8	72.8	88.6	.953125
1973	69.4	71.7	68.7	68.1	73.4	61.0	65.2	74.6	73.2	70.9	78.8	95.4	1.057803
1974	87.5	93.9	84.6	82.8	91.4	89.9	76.2	96.4	88.4	88.4	94.0	105.3	1.078055
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	107.6	141.1	99.2	98.2	87.8	118.3	89.5	93.4	98.9	92.8	96.4	85.8	.841379
1977	129.1	135.7	108.8	109.9	98.8	140.9	98.2	107.2	110.7	104.6	108.9	97.7	.841379
1978	152.5	256.1	119.6	123.3	123.0	142.5	113.6	117.2	121.7	116.0	144.2	103.9	.841379
1979	168.6	215.9	137.3	151.2	137.5	239.5	130.0	134.1	146.5	135.0	150.4	118.0	.869358
1980	223.2	285.3	170.1	185.6	173.9	314.5	172.7	167.4	183.2	171.3	211.7	134.1	.940374
1981	240.0	274.1	170.1	187.0	182.9	303.8	167.3	159.3	183.2	167.5	435.7	139.7	.841379
1982	222.2	278.2	156.3	175.9	152.8	281.4	154.1	143.3	172.5	155.4	412.9	132.1	.675276
1983	246.9	309.4	172.6	193.6	160.9	280.0	165.4	151.1	191.7	165.7	433.4	129.9	.688273

Table 82.—Mining cost indexes for Sweden

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	54.5	64.4	62.9	59.6	54.2	57.9	48.3	66.0	59.5	53.8	70.4	53.4	5.173
1971	59.9	69.3	65.2	57.3	55.2	64.7	51.3	66.0	61.9	56.5	68.9	56.7	5.117
1972	66.6	73.5	68.5	57.3	55.2	63.8	54.2	65.4	66.1	58.7	74.3	57.0	4.762
1973	71.9	78.6	75.3	67.6	91.5	76.6	58.3	70.4	75.6	63.0	71.3	62.4	4.367
1974	81.6	86.7	90.4	94.7	116.5	108.5	84.7	89.9	92.3	89.1	79.8	68.2	4.439
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	4.152
1976	111.9	110.8	110.1	100.9	117.0	127.7	101.4	105.7	111.9	103.3	107.3	119.9	4.356
1977	124.2	122.6	119.7	102.7	125.9	134.0	101.4	119.5	124.4	108.7	123.2	130.7	4.482
1978	133.2	131.7	131.5	109.3	125.5	144.7	105.6	127.7	135.1	117.9	134.2	152.4	4.519
1979	141.3	140.8	142.1	123.6	145.3	200.0	115.3	135.2	148.2	134.2	123.3	157.3	4.287
1980	155.4	155.8	156.7	140.0	177.8	319.1	147.2	167.3	170.2	153.8	136.7	175.6	4.230
1981	171.3	168.6	170.2	144.0	175.0	368.1	175.0	186.8	189.9	167.4	163.5	184.8	5.063
1982	189.1	180.1	188.8	168.0	174.1	429.9	205.6	212.6	209.4	184.8	177.1	198.6	6.283
1983	199.9	194.1	194.4	180.4	203.6	475.6	227.6	233.9	234.4	208.2	197.0	203.6	7.667
1984	208.9	208.9	225.8	193.4	235.1	514.5	267.9	249.6	261.2	228.5	213.4	210.3	7.790
1985	221.8	218.8	238.2	198.3	240.4	475.6	287.2	262.8	289.7	237.7	220.5	218.2	7.700

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	43.8	51.7	50.5	47.8	43.5	46.5	38.8	53.0	47.8	43.2	56.5	42.9	0.802629
1971	48.6	56.2	52.9	46.5	44.8	52.5	41.6	53.6	50.2	45.9	55.9	46.0	.811412
1972	58.1	64.0	59.8	50.0	48.1	55.6	47.2	57.0	57.6	51.2	64.8	49.7	.871902
1973	68.3	74.8	71.6	64.2	87.0	72.8	55.5	67.0	71.9	59.9	67.8	59.3	.950767
1974	76.4	81.1	84.6	88.5	109.0	101.5	79.2	84.1	86.3	83.4	74.7	63.8	.935345
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	106.7	105.6	105.0	96.2	111.5	121.7	96.6	100.7	106.7	98.4	102.3	114.3	.953168
1977	115.0	113.6	110.8	95.1	116.7	124.2	93.9	110.7	115.2	100.7	114.1	121.1	.926372
1978	122.4	121.0	120.8	100.5	115.3	132.9	97.0	117.3	124.1	108.4	123.3	140.0	.918787
1979	136.8	136.4	137.7	119.7	140.7	193.7	111.6	131.0	143.5	130.0	119.4	152.3	.968509
1980	152.5	152.9	153.9	137.4	174.6	313.3	144.5	164.2	167.1	151.0	134.1	172.4	.981560
1981	140.5	138.2	139.6	118.1	143.5	301.8	143.5	153.2	155.7	137.3	134.1	151.5	.820067
1982	125.0	119.0	124.7	111.0	115.0	284.0	135.8	140.5	138.4	122.1	117.0	131.2	.660830
1983	108.2	105.1	105.3	97.7	110.2	257.5	123.3	126.6	126.9	112.7	106.7	110.2	.541541
1984	111.3	111.3	120.3	103.1	125.3	274.2	142.8	133.0	139.2	121.8	113.7	112.1	.532991
1985	119.6	117.9	128.4	106.9	129.6	256.4	154.8	141.7	156.2	128.2	118.9	117.6	.539220

Table 83.—Mining cost indexes for Syria

Year	Local currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
1970	68.5	42.1	55.7	56.8	47.8	93.1	14.1	50.3	54.5	40.8	88.8	90.9
1971	71.7	42.0	58.3	53.4	51.4	92.1	9.6	50.3	61.3	43.4	89.5	100.0
1972	77.4	46.5	61.0	54.7	53.1	93.1	21.0	53.2	61.7	45.4	90.2	100.0
1973	83.7	46.2	65.5	64.3	76.5	93.1	23.1	55.6	74.1	52.2	92.5	100.0
1974	76.4	77.1	78.1	85.6	96.4	94.1	54.1	77.7	100.8	78.4	94.8	100.0
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	122.5	116.4	120.4	113.9	105.4	118.8	94.3	115.1	115.4	100.2	102.1	100.0
1977	126.4	128.2	134.2	121.5	145.5	132.7	119.6	119.5	121.4	118.0	98.4	86.4
1978	141.2	131.4	149.9	139.6	154.2	198.0	131.5	130.5	153.8	126.4	107.5	86.4
1979	143.2	138.9	164.7	153.1	164.3	200.0	149.8	139.6	176.7	139.2	116.5	86.4
1980	180.9	171.7	182.2	178.6	187.9	349.5	149.8	161.1	233.1	139.2	155.1	86.4
1981	222.2	209.8	199.8	221.7	234.9	562.7	250.0	180.5	261.1	140.6	180.8	136.4
1982	243.2	244.9	213.2	247.2	257.4	695.5	291.0	180.5	265.7	158.7	191.3	140.9
1983	247.8	261.6	212.8	251.1	255.5	695.5	330.3	188.6	268.0	176.8	218.7	140.9
1984	265.9	290.1	213.9	277.0	280.2	762.5	311.2	188.6	311.5	193.8	239.6	140.9
1985	301.1	331.1	213.4	314.1	315.4	858.5	360.2	188.6	353.7	218.2	272.8	149.9
Year	U.S. currency index											Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
1970	66.3	40.7	53.9	55.0	46.3	90.1	13.6	48.7	52.8	39.5	86.0	88.1
1971	69.5	40.7	56.5	51.8	49.8	89.2	9.3	48.7	59.4	42.0	86.7	96.9
1972	74.9	45.1	59.1	53.0	51.4	90.1	20.3	51.6	59.7	44.0	87.4	96.9
1973	81.0	44.7	63.5	62.3	74.1	90.1	22.3	53.8	71.7	50.5	89.6	96.9
1974	75.8	76.4	77.5	84.8	95.6	93.2	53.7	77.0	99.9	77.7	94.0	99.1
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	117.7	111.8	115.6	109.4	101.2	114.1	90.5	110.6	110.9	96.3	98.1	96.1
1977	119.2	120.8	126.5	114.5	137.2	125.1	112.8	112.7	114.5	111.3	92.8	81.4
1978	133.1	123.9	141.3	131.6	145.4	186.7	124.0	123.0	144.9	119.1	101.3	81.4
1979	135.0	130.9	155.3	144.3	154.9	188.5	141.2	131.6	166.6	131.2	109.8	81.4
1980	170.6	161.9	171.8	168.4	177.1	329.5	141.2	151.9	219.7	131.2	146.2	81.4
1981	209.4	197.8	188.3	209.0	221.4	530.4	235.6	170.2	246.1	132.5	170.4	128.5
1982	227.8	229.4	199.7	231.6	241.1	651.5	272.6	169.1	248.9	148.6	179.2	132.0
1983	233.6	246.6	200.6	236.7	240.9	655.6	311.4	177.7	252.7	166.6	205.1	132.8
1984	250.6	273.5	201.6	261.1	264.1	718.8	293.4	177.7	293.7	182.7	225.8	132.8
1985	283.9	312.1	201.2	296.1	297.3	809.3	339.6	177.7	333.4	205.7	257.1	141.3

Table 84.—Mining cost indexes for Taiwan

Year	Local currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
1970	41.7	42.2	75.9	60.2	58.4	40.9	76.2	63.4	63.5	57.0	76.0	57.3
1971	45.5	45.0	76.0	54.2	61.4	46.0	78.6	59.6	64.6	54.7	76.0	61.0
1972	50.3	48.5	79.5	58.5	63.5	46.4	79.7	59.9	58.1	56.0	79.4	61.4
1973	57.9	58.9	95.5	101.3	117.5	48.0	79.5	84.0	86.0	67.4	80.9	62.5
1974	85.6	85.3	105.6	134.2	128.4	99.3	89.4	112.7	116.5	110.4	99.6	99.5
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	120.5	114.2	98.3	103.0	114.7	107.9	103.8	105.2	104.5	100.8	100.3	114.0
1977	131.6	131.8	98.3	107.1	119.0	105.5	110.1	108.6	106.9	100.9	100.3	114.0
1978	153.2	144.1	103.0	128.4	130.8	108.0	116.4	110.9	117.2	100.0	101.0	114.0
1979	179.9	160.8	113.4	156.1	179.8	142.6	116.4	122.9	141.6	117.8	103.9	123.8
1980	231.0	190.8	119.9	175.8	203.2	240.9	132.1	129.8	166.1	141.7	149.0	184.2
1981	278.3	246.5	119.8	152.5	202.6	289.9	152.1	133.8	164.9	144.7	185.3	242.8
1982	296.8	262.4	118.6	142.1	194.0	293.2	160.1	126.3	157.6	141.8	186.8	245.1
1983	298.9	296.5	117.2	143.4	189.9	290.3	161.0	129.2	158.1	139.6	179.0	238.5
Year	U.S. currency index											Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
1970	39.6	40.1	72.1	57.2	55.5	38.8	72.4	60.2	60.4	54.1	72.2	54.5
1971	43.2	42.8	72.2	51.5	58.3	43.7	74.7	56.6	61.4	52.0	72.2	58.0
1972	47.7	46.1	75.5	55.5	60.3	44.1	75.6	56.9	55.2	53.1	75.4	58.2
1973	57.5	58.5	94.9	100.6	116.7	47.7	78.9	83.4	85.4	67.0	80.3	62.0
1974	85.6	85.3	105.6	134.2	128.4	99.3	89.4	112.7	116.5	110.4	99.6	99.5
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	120.5	114.2	98.3	103.0	114.7	107.9	103.8	105.2	104.5	100.8	100.3	114.0
1977	131.6	131.8	98.3	107.1	119.0	105.5	110.1	108.6	106.9	100.9	100.3	114.0
1978	157.1	147.8	105.7	131.6	134.1	110.7	119.4	113.7	120.2	102.6	103.6	116.9
1979	189.6	169.5	119.6	164.6	189.5	150.3	122.7	129.6	149.3	124.1	109.5	130.5
1980	243.8	201.3	126.6	185.5	214.4	254.2	139.3	137.0	175.3	149.5	157.2	194.3
1981	287.0	254.2	123.5	157.2	208.9	298.9	156.9	138.0	170.1	149.3	191.1	250.4
1982	288.3	254.9	115.2	138.0	188.4	284.8	155.5	122.7	153.1	137.7	181.4	238.1
1983	283.5	281.2	111.1	136.0	180.1	275.3	152.7	122.6	149.9	132.5	169.8	226.3

Table 85—Mining cost indexes for Thailand

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	62.8	41.4	57.0	57.0	41.7	45.2	28.6	77.8	52.8	53.3	100.0	76.6	20.800
1971	63.1	40.8	56.4	56.4	44.3	47.3	24.9	66.6	51.3	55.1	100.0	76.4	20.800
1972	66.2	46.2	64.3	64.3	58.5	47.8	25.3	67.1	53.4	58.7	100.0	70.5	20.800
1973	76.4	62.1	79.8	79.8	88.7	53.2	36.4	108.1	71.7	72.5	100.0	71.1	20.620
1974	95.0	90.5	122.3	122.3	78.4	97.8	63.0	111.1	98.2	96.9	100.0	92.1	20.375
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	20.379
1976	104.2	106.5	96.6	96.6	125.0	99.9	55.8	122.6	101.4	91.3	110.6	99.2	20.400
1977	112.1	117.2	100.2	100.2	131.5	108.1	54.5	125.0	109.5	96.9	111.3	107.4	20.400
1978	148.5	125.4	124.8	124.8	132.3	118.3	67.6	126.0	120.1	102.5	115.2	120.8	20.336
1979	173.5	150.1	140.6	140.6	194.5	163.5	83.0	144.2	148.2	117.4	135.5	120.8	20.419
1980	274.0	206.7	152.8	152.8	208.7	249.6	110.5	150.5	167.1	132.3	153.7	157.0	20.476
1981	273.4	294.3	182.2	182.2	199.7	295.4	124.1	164.1	179.5	138.5	192.2	185.0	21.820
1982	293.6	279.8	177.1	177.1	210.9	304.4	100.2	176.5	186.2	133.9	219.8	189.0	23.000
1983	293.6	292.7	154.2	154.1	201.5	292.6	86.0	177.1	186.0	132.0	220.8	189.0	23.000
1984	293.2	296.8	172.3	170.0	221.7	291.4	93.1	185.2	187.6	131.1	219.0	183.4	24.197
1985	293.2	331.0	180.3	196.3	230.3	301.0	106.6	194.4	210.2	136.9	236.8	187.7	25.990

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	61.5	40.5	55.8	55.8	40.9	44.3	28.0	76.2	51.8	52.2	98.0	75.0	0.979759
1971	61.8	39.9	55.3	55.3	43.4	46.3	24.4	65.3	50.3	54.0	98.0	74.8	.979759
1972	64.9	45.2	63.0	63.0	57.3	46.8	24.8	65.8	52.3	57.5	98.0	69.0	.979759
1973	75.5	61.3	78.9	78.9	87.7	52.6	36.0	106.9	70.8	71.7	98.8	70.3	.988312
1974	95.0	90.6	122.3	122.3	78.4	97.8	63.0	111.2	98.2	96.9	100.0	92.1	1.000196
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	104.1	106.4	96.5	96.5	124.9	99.8	55.7	122.4	101.3	91.2	110.4	99.1	.998970
1977	112.0	117.1	100.1	100.1	131.3	108.0	54.5	124.9	109.4	96.8	111.1	107.2	.998970
1978	148.8	125.6	125.1	125.1	132.6	118.5	67.7	126.3	120.3	102.7	115.4	121.0	1.002114
1979	173.1	149.8	140.3	140.3	194.1	163.2	82.9	144.0	147.9	117.1	135.2	120.5	.998041
1980	272.7	205.7	152.1	152.1	207.7	248.4	110.0	149.8	166.3	131.7	153.0	156.3	.995262
1981	255.3	237.5	170.1	170.1	186.5	275.9	115.9	153.3	167.7	129.4	179.5	172.8	.933959
1982	260.1	247.9	156.9	156.9	186.9	269.7	88.8	156.4	165.0	118.6	194.7	167.4	.886043
1983	260.1	259.4	136.6	136.5	178.5	259.3	76.2	156.9	164.8	116.9	195.7	167.4	.886043
1984	246.9	250.0	145.1	143.2	186.7	245.4	78.4	156.0	158.0	110.4	184.4	154.5	.842211
1985	229.9	259.5	141.4	153.9	180.6	236.0	83.5	152.4	164.8	107.3	185.7	147.2	.784109

Table 86.—Mining cost indexes for Togo

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	68.9	68.9	62.6	59.7	44.0	42.8	66.9	60.4	50.8	61.5	66.6	59.5	277.710
1971	75.8	75.8	66.0	62.8	45.5	51.8	70.4	67.3	54.3	63.5	66.2	66.1	277.130
1972	75.8	75.8	69.1	64.3	48.8	53.2	72.7	72.8	54.8	65.7	66.1	67.1	252.210
1973	75.8	75.8	72.3	72.4	109.7	58.8	73.1	76.4	55.8	70.2	70.5	71.1	222.700
1974	83.3	83.3	86.2	96.9	106.8	81.3	89.4	91.7	72.6	92.4	80.2	87.5	240.500
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	214.320
1976	100.0	100.0	113.0	106.2	125.3	99.0	110.2	129.0	101.5	104.6	110.5	102.6	238.980
1977	115.0	115.0	121.3	112.0	143.8	136.1	116.6	120.6	105.1	109.7	116.9	124.9	245.670
1978	115.0	115.0	135.6	122.2	158.9	150.4	124.4	131.4	113.7	114.3	124.7	139.3	225.640
1979	115.0	115.0	153.0	136.1	165.8	170.6	140.0	154.1	134.3	131.9	129.4	152.6	212.720
1980	126.5	126.5	173.1	144.4	195.9	186.8	160.0	180.9	162.9	157.2	134.2	164.4	211.300
1981	126.5	126.5	196.8	146.8	213.1	233.3	179.0	204.7	193.6	179.5	140.7	198.2	271.730
1982	139.2	139.2	222.5	182.3	213.0	263.1	193.9	227.7	216.6	202.2	163.5	220.0	328.620
1983	139.2	139.2	241.4	199.4	211.1	304.0	209.9	248.1	229.9	220.9	168.7	249.7	380.510
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	53.1	53.1	48.3	46.1	34.0	33.0	51.6	46.6	39.2	47.4	51.4	45.9	0.771740
1971	58.6	58.6	51.0	48.6	35.1	40.1	54.4	52.0	42.0	49.1	51.1	51.1	.773355
1972	64.4	64.4	58.7	54.6	41.5	45.2	61.8	61.9	46.6	55.9	56.2	57.0	.849768
1973	72.9	72.9	69.6	69.7	105.5	56.6	70.3	73.6	53.7	67.5	67.8	68.4	.962370
1974	74.3	74.3	76.8	86.4	95.2	72.4	79.6	81.7	64.7	82.3	71.5	78.0	.891143
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	89.7	89.7	101.3	95.3	112.4	88.7	98.8	115.7	91.0	93.8	99.1	92.0	.896811
1977	100.3	100.3	105.8	97.7	125.4	118.7	101.7	105.2	91.7	95.7	102.0	108.9	.872389
1978	109.2	109.2	128.8	116.0	150.9	142.8	118.1	124.8	108.0	108.6	118.5	132.3	.949831
1979	115.9	115.9	154.1	137.1	167.1	171.9	141.1	155.3	135.3	132.9	130.4	153.7	1.007521
1980	128.3	128.3	175.6	146.4	198.7	189.5	162.3	183.5	165.2	159.5	136.1	166.7	1.014292
1981	99.8	99.8	155.2	115.8	168.1	184.0	141.2	161.4	152.7	141.6	111.0	156.3	.788724
1982	90.7	90.7	145.1	118.9	138.9	171.6	126.4	148.5	141.3	131.8	106.6	143.4	.652181
1983	78.4	78.4	135.9	112.3	118.9	171.2	118.2	139.7	129.5	124.4	95.0	140.6	.563244

Table 87.—Mining cost indexes for Tunisia

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	44.7	69.8	68.6	69.2	61.1	85.8	67.7	61.1	61.9	63.0	62.5	105.7	0.525
1971	51.8	75.2	71.3	70.6	63.3	89.4	70.9	67.8	61.9	64.0	62.5	102.2	.521
1972	56.5	69.8	67.0	70.1	71.3	100.0	73.3	73.4	63.0	64.2	62.5	95.6	.477
1973	62.7	74.8	61.7	74.2	95.0	100.0	73.4	76.8	66.7	67.9	62.5	95.4	.420
1974	81.0	76.9	80.0	90.5	91.6	100.0	86.4	88.7	86.9	83.8	75.0	94.3	.436
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.402
1976	107.6	106.0	127.4	95.6	97.3	100.7	105.3	123.3	104.4	98.8	112.5	115.4	.429
1977	122.2	105.5	138.1	96.4	104.0	133.7	108.5	112.2	134.5	99.8	125.0	139.5	.429
1978	138.3	118.5	146.7	95.2	107.4	133.7	122.2	129.1	150.2	95.1	137.5	161.0	.416
1979	149.1	134.9	158.8	99.4	135.2	147.7	142.5	156.9	159.0	99.1	137.5	183.6	.407
1980	169.9	168.7	181.1	112.8	146.0	168.6	163.4	184.8	164.5	108.6	137.5	196.1	.405
1981	202.1	194.9	245.7	123.1	160.2	217.4	173.3	198.2	181.8	122.8	150.0	240.2	.494
1982	242.3	241.6	319.0	129.6	188.1	282.6	185.7	218.0	208.7	143.5	168.1	273.2	.591
1983	272.4	276.4	368.2	147.1	212.3	330.6	199.4	235.7	226.3	148.3	195.5	321.6	.678

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	34.2	53.4	52.5	52.9	46.7	65.7	51.8	46.8	47.4	48.2	47.8	80.9	0.765714
1971	40.0	58.0	55.0	54.5	48.9	69.0	54.7	52.3	47.7	49.4	48.2	78.8	.771593
1972	47.6	58.8	56.5	59.1	60.1	84.3	61.8	61.9	53.1	54.1	52.7	80.6	.842767
1973	60.0	71.6	59.1	71.0	90.9	95.7	70.3	73.5	63.9	65.0	59.8	91.3	.957142
1974	74.6	70.9	73.7	83.5	84.4	92.2	79.7	81.7	80.2	77.2	69.1	86.9	.922018
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	100.8	99.4	119.3	89.6	91.2	94.4	98.7	115.6	97.8	92.6	105.4	108.2	.937062
1977	114.5	98.9	129.4	90.3	97.5	125.3	101.6	105.1	126.0	93.5	117.1	130.8	.937062
1978	133.6	114.5	141.7	92.0	103.8	129.2	118.1	124.7	145.1	91.9	132.9	155.6	.966346
1979	147.3	133.2	156.8	98.2	133.5	145.9	140.8	155.0	157.0	97.8	135.8	181.4	.987714
1980	168.7	167.5	179.8	112.0	144.9	167.4	162.2	183.4	163.3	107.8	136.5	194.6	.992592
1981	164.4	158.6	200.0	100.2	130.4	176.9	141.0	161.3	147.9	99.9	122.1	195.4	.813765
1982	164.8	164.3	217.0	88.1	127.9	192.2	126.3	148.3	142.0	97.6	114.3	185.8	.680203
1983	161.5	163.9	218.3	87.2	125.9	196.0	118.2	139.7	134.2	87.9	115.9	190.6	.592920

Table 88.—Mining cost indexes for Turkey

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	34.8	43.7	36.1	38.0	27.9	48.0	48.5	63.3	55.1	45.9	56.6	44.7	11.500
1971	39.0	49.6	42.6	49.5	31.2	58.6	66.5	88.0	60.5	54.5	59.6	44.7	14.920
1972	41.7	54.1	47.7	62.5	40.3	78.4	64.5	89.9	68.2	55.1	66.1	44.7	14.150
1973	58.1	62.3	62.2	74.8	78.5	87.6	67.1	67.0	75.7	56.3	71.6	61.8	14.150
1974	66.1	83.6	74.6	91.1	86.3	95.3	81.0	85.3	92.0	77.9	96.4	96.1	13.930
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	14.440
1976	124.3	136.8	109.0	107.6	104.2	105.4	118.9	118.4	139.6	102.6	119.9	100.0	16.050
1977	160.3	164.1	151.7	128.1	143.1	122.5	143.5	118.9	233.7	144.3	156.7	115.8	18.000
1978	240.0	244.7	241.6	194.5	214.2	257.2	209.5	169.0	350.7	241.4	220.7	147.4	24.280
1979	371.2	350.4	274.0	318.0	347.5	460.2	295.5	214.3	610.0	637.4	406.6	207.9	31.080
1980	547.8	462.7	936.1	693.2	1063.3	1228.2	814.3	821.4	1149.4	863.0	882.5	550.0	76.040
1981	712.6	650.4	1446.0	894.0	1314.0	1625.0	1377.2	1256.0	1347.0	1132.0	1136.0	760.5	111.200
1982	997.2	883.8	1730.7	1457.3	1434.6	2093.0	2077.5	1582.8	1747.7	1339.1	1517.3	1188.2	162.550
1983	1239.1	1093.4	2345.0	1764.4	2055.4	2880.4	2910.4	2062.8	2562.2	1591.9	2164.2	1525.0	225.460
1984	1686.2	1480.6	3147.5	2394.8	2968.9	3457.7	4910.5	3262.7	3256.1	1920.5	2436.3	2005.9	369.053
1985	2027.3	1776.1	3826.6	2907.0	4033.4	4031.6	5944.2	4635.9	4010.0	2290.4	2945.8	2444.2	430.301

U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and related steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	43.7	54.9	45.3	47.8	35.1	60.3	61.0	79.5	69.2	57.6	71.1	56.2	1.256652
1971	37.7	48.0	41.2	47.9	30.2	56.7	64.4	85.2	58.5	52.8	57.7	43.3	.967828
1972	42.5	55.2	48.7	63.8	41.2	80.0	65.8	91.8	69.6	56.2	67.4	45.7	1.020494
1973	59.3	63.6	63.5	76.3	80.1	89.4	68.5	68.3	77.3	57.5	73.1	63.1	1.020494
1974	68.5	86.7	77.3	94.5	89.5	98.8	83.9	88.4	95.3	80.7	99.9	99.6	1.036611
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	111.8	123.1	98.1	96.8	93.8	94.8	106.9	106.6	125.6	92.3	107.8	90.0	.899688
1977	128.6	131.6	121.7	102.8	114.8	98.3	115.1	95.3	187.5	115.7	125.7	92.9	.802222
1978	142.7	145.5	143.7	115.6	127.4	152.9	124.6	100.5	208.6	143.5	131.2	87.6	.594728
1979	172.5	162.8	127.3	147.7	161.4	213.8	137.2	99.5	283.4	296.1	188.9	96.6	.464607
1980	104.0	87.8	177.7	131.6	201.9	233.2	154.6	155.9	218.2	163.8	167.5	104.4	.189900
1981	92.5	84.4	187.7	116.0	170.6	211.0	178.8	163.1	174.9	147.0	147.5	98.7	.129856
1982	88.5	78.5	153.7	129.4	127.4	185.9	184.5	140.6	155.2	118.9	134.7	105.5	.088834
1983	79.3	70.0	150.1	113.0	131.6	184.4	186.4	132.1	164.1	101.9	138.6	97.6	.064046
1984	65.9	57.9	123.1	93.7	112.2	135.2	192.1	127.6	127.4	75.1	95.3	78.4	.039127
1985	68.0	59.6	128.4	97.5	135.3	135.2	199.4	155.5	134.5	76.8	98.8	82.0	.033557

Table 89.—Mining cost indexes for Uganda

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	121.0	50.5	37.8	42.1	61.8	28.2	54.6	50.0	45.0	41.6	71.4	90.6	7.143
1971	103.6	61.9	47.6	39.6	66.5	30.3	61.7	54.5	44.3	38.1	72.8	87.0	7.143
1972	104.0	55.0	52.9	45.9	73.6	30.3	68.9	63.4	49.5	43.3	72.6	84.1	7.141
1973	137.5	57.8	63.8	58.4	81.6	39.3	70.2	71.5	55.6	58.1	77.9	85.3	7.021
1974	134.8	94.1	78.0	87.1	90.0	68.9	79.8	90.4	76.2	78.2	87.9	86.7	7.136
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	7.412
1976	107.5	108.3	104.6	102.0	122.1	182.5	110.0	105.4	122.8	110.8	106.9	107.4	8.368
1977	219.0	219.5	119.1	109.4	144.0	275.6	121.3	122.3	124.0	110.6	216.8	115.5	8.266
1978	293.3	293.2	135.3	126.7	133.8	292.3	139.6	146.6	140.5	111.3	291.0	123.3	7.692
1979	562.5	555.5	150.8	139.5	143.2	675.6	169.3	160.8	154.6	154.1	552.7	135.1	7.483
1980	1216.7	1223.8	165.2	149.7	159.7	948.1	209.4	189.0	183.0	197.1	1201.7	146.1	7.417
1981	2416.7	2449.1	1021.1	1079.8	1077.9	2245.8	1386.3	1299.7	1132.2	1160.9	2403.7	962.3	50.052
1982	2499.9	2451.6	2242.7	1885.0	1876.4	2285.1	2989.0	2201.0	2179.5	2117.0	2488.1	1965.6	94.047
1983	2512.8	2464.5	3430.1	2693.2	2797.1	3384.0	4706.1	3570.9	3301.1	3384.2	2493.8	2890.1	154.595
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-labeled steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	125.5	52.4	39.2	43.7	64.1	29.2	56.6	51.9	46.7	43.1	74.0	94.0	1.037
1971	107.4	64.2	49.4	41.1	69.0	31.4	64.0	56.5	45.9	39.5	75.5	90.2	1.037
1972	107.8	57.0	54.9	47.6	76.3	31.4	71.4	65.7	51.3	44.9	75.3	87.2	1.037
1973	139.8	58.8	64.9	59.4	83.0	40.0	71.4	72.7	56.5	59.1	79.2	86.8	1.017
1974	139.9	97.7	81.0	90.4	93.4	71.5	82.8	93.8	79.1	81.2	91.2	90.0	1.038
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000
1976	95.1	95.8	92.6	90.2	108.1	161.5	97.3	93.3	108.7	98.1	94.6	95.0	.885
1977	196.2	196.7	106.7	98.0	129.0	246.9	108.7	109.6	111.1	99.1	194.3	103.5	.896
1978	282.4	282.3	130.3	122.0	128.8	281.5	134.4	141.2	135.3	107.2	280.2	118.7	.963
1979	556.9	549.9	149.3	138.1	141.8	668.8	167.6	159.2	153.1	152.6	547.1	133.7	.990
1980	1215.5	1222.6	165.0	149.6	159.5	947.2	209.2	188.8	182.8	196.9	1200.5	146.0	.999
1981	357.7	362.5	149.8	159.8	159.2	332.4	205.2	192.4	167.6	171.8	355.7	142.4	.148
1982	195.0	191.2	174.9	147.0	146.4	178.2	233.0	171.7	170.0	165.1	194.1	153.3	.078
1983	120.6	118.3	164.6	129.3	134.3	162.4	225.9	171.4	158.5	162.4	119.7	138.7	.045

Table 90.—Mining cost indexes for United Kingdom

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	39.8	47.1	55.9	50.8	19.8	57.7	52.6	55.1	49.4	51.6	71.3	51.8	0.417
1971	44.4	51.8	58.9	54.8	22.2	60.6	58.2	61.7	53.8	54.9	75.3	54.2	.409
1972	52.5	57.7	64.7	58.1	26.5	61.5	63.5	64.0	57.3	56.2	76.2	58.4	.400
1973	57.4	68.9	69.9	64.5	74.6	66.7	67.2	66.4	67.7	58.4	75.3	60.8	.408
1974	78.7	79.8	82.0	82.0	110.6	84.6	78.7	82.8	83.6	78.9	82.0	67.3	.428
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.450
1976	111.9	112.7	116.3	118.8	142.3	117.7	119.9	114.8	122.4	120.2	123.8	124.6	.554
1977	120.9	125.5	133.4	139.9	172.0	133.3	138.5	138.7	145.9	138.8	141.7	134.0	.573
1978	149.0	140.1	148.5	157.6	171.0	130.9	155.7	148.9	158.0	145.5	156.6	161.2	.521
1979	173.9	160.4	161.5	179.6	187.6	158.8	175.6	166.6	182.2	177.8	175.4	184.3	.471
1980	212.9	191.4	182.8	210.2	224.9	208.9	199.9	191.5	216.5	201.9	199.1	198.9	.430
1981	237.9	216.1	199.4	219.7	225.3	261.3	224.9	197.7	234.5	210.7	210.4	238.1	.493
1982	263.2	236.7	210.8	236.0	228.2	299.0	299.0	215.5	254.7	225.1	233.8	265.0	.571
1983	280.1	256.3	239.8	250.9	237.8	327.1	330.5	230.5	272.1	236.7	242.4	279.3	.689
1984	287.3	280.9	252.6	263.3	244.7	334.4	338.2	240.6	286.3	250.4	257.8	291.6	.730
1985	297.4	306.1	262.0	280.5	251.8	342.9	354.9	254.2	299.5	266.7	273.3	304.5	.733
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	43.0	50.8	60.3	54.8	21.4	62.3	56.7	59.4	53.3	55.7	76.9	55.9	1.079136
1971	48.8	57.0	64.8	60.3	24.5	66.7	64.0	67.9	59.2	60.4	82.8	59.6	1.100244
1972	59.0	64.9	72.8	65.3	29.8	69.2	71.5	72.1	64.5	63.3	85.7	65.7	1.125000
1973	63.3	76.0	77.1	71.1	82.3	73.6	74.1	73.3	74.6	64.4	83.1	67.1	1.102941
1974	82.8	83.9	86.2	86.2	116.3	88.9	82.7	87.1	87.9	83.0	86.2	70.7	1.051401
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	90.9	91.5	94.5	96.4	115.6	95.6	97.4	93.2	99.4	97.6	100.5	101.2	.812274
1977	95.0	98.6	104.8	109.8	135.1	104.7	108.8	108.9	114.6	109.0	111.3	105.3	.785340
1978	128.7	121.0	128.3	136.1	147.7	113.1	134.5	128.6	136.5	125.7	135.2	139.2	.863723
1979	166.1	153.3	154.3	171.6	179.2	151.7	167.8	159.2	174.0	169.9	167.6	176.1	.955414
1980	222.8	200.3	191.3	220.0	235.4	218.6	209.2	200.4	226.6	211.3	208.4	208.2	1.046511
1981	217.2	197.3	182.0	200.5	205.6	238.5	205.3	180.5	214.1	192.3	192.1	217.3	.912778
1982	207.4	186.5	166.1	186.0	179.8	235.6	235.6	169.9	200.7	177.4	184.2	208.8	.788091
1983	191.3	175.0	163.7	171.3	162.4	223.4	225.7	157.4	185.8	161.6	165.5	190.7	.682852
1984	177.1	173.1	155.7	162.3	150.8	206.1	208.4	148.3	176.5	154.3	158.9	179.7	.616438
1985	182.6	187.9	160.8	172.2	154.6	210.5	217.8	156.0	183.9	163.7	167.7	186.9	.613915

Table 91.—Mining cost indexes for United States

Local currency index												
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
1970	3.85	1318.0	115.9	115.1	113.7	101.0	106.7	105.4	124.4	100.9	108.9	106.6
1971	4.06	1487.0	121.4	121.8	135.5	106.8	113.3	110.3	141.1	102.0	123.5	115.5
1972	4.41	1621.0	125.7	128.4	159.4	108.9	115.2	111.3	154.6	101.2	128.1	123.9
1973	4.73	1725.0	130.7	136.2	205.2	128.7	120.1	115.7	168.4	103.4	133.0	132.6
1974	5.21	1836.0	152.3	178.6	207.1	223.4	150.0	141.6	178.3	151.7	155.0	172.3
1975	5.90	1983.0	185.2	200.9	192.5	257.5	177.9	155.4	193.3	206.8	178.4	209.7
1976	6.46	2133.0	198.6	215.8	233.0	276.4	187.2	172.8	210.9	219.0	197.8	226.9
1977	6.94	2264.0	213.7	230.3	276.5	308.1	193.5	181.5	228.6	223.9	211.1	257.2
1978	7.67	2405.0	232.8	253.5	322.1	321.0	208.7	192.0	247.7	225.5	227.3	280.0
1979	8.48	2564.0	256.2	283.5	354.3	444.8	225.6	219.6	269.3	264.0	264.4	305.3
1980	9.19	2767.0	288.9	305.0	325.6	674.3	251.1	249.7	287.7	323.3	311.3	368.1
1981	10.06	3025.0	320.8	333.8	325.1	805.9	288.9	270.2	310.3	363.3	355.3	422.2
1982	10.82	3345.0	343.9	339.0	310.8	761.2	298.9	271.6	330.1	352.6	387.3	473.1
1983	11.27	3587.0	351.9	343.4	352.6	684.3	302.1	260.0	352.9	342.9	395.4	487.8
1984	11.58	3721.0	357.0	356.9	349.8	665.1	309.7	258.1	357.9	341.3	411.0	512.8
1985	11.95	3747.0	362.3	355.6	340.0	633.8	312.8	247.0	358.2	338.3	414.4	533.8

¹The index categories correspond to the index categories collected for other countries; additional U.S. index categories are available.
²These indexes are by definition U.S. dollar based; therefore, no exchange rate is required.

Table 92.—Mining cost indexes for Venezuela

Local currency index												
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
1970	81.3	81.1	57.8	54.4	53.6	63.7	85.9	89.7	55.4	76.1	75.1	107.0
1971	80.1	90.4	58.8	54.5	63.6	63.7	85.9	92.2	56.6	78.8	84.1	107.3
1972	88.9	101.1	61.5	54.7	64.4	63.8	85.9	91.4	57.8	79.5	87.8	104.1
1973	89.8	101.1	69.0	63.5	67.6	62.3	85.9	93.9	61.5	80.2	88.6	102.5
1974	101.4	101.3	79.3	86.1	73.6	95.7	93.0	98.1	81.8	91.2	89.2	101.4
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	94.7	101.3	100.0	92.3	107.3	100.0	111.8	100.0	101.6	107.2	110.8	101.1
1977	116.3	112.6	107.7	94.7	111.9	95.7	129.6	100.0	109.6	110.9	130.9	108.8
1978	123.0	143.9	109.0	113.2	111.9	94.2	148.6	100.0	125.7	115.7	133.7	120.1
1979	143.0	203.2	117.3	118.9	111.9	94.2	177.6	103.1	138.7	129.2	134.3	133.7
1980	146.6	262.2	133.2	131.8	136.0	94.2	219.2	126.5	155.1	143.3	141.4	133.8
1981	217.8	269.8	149.3	143.5	167.6	94.2	283.9	153.5	168.7	182.8	156.4	175.1
1982	215.5	283.8	156.6	166.7	189.9	188.4	323.1	162.7	191.0	192.4	165.7	189.2
1983	228.6	303.4	157.7	175.5	203.8	188.4	344.7	163.0	201.4	200.2	171.0	188.7
1984	256.0	350.0	243.3	204.6	249.5	188.4	425.8	274.4	235.1	233.1	182.5	213.1
1985	307.3	427.3	259.8	236.5	299.5	188.4	514.5	305.1	271.9	269.1	204.9	251.3

U.S. currency index												
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
1970	77.4	77.2	55.0	51.8	51.1	60.7	81.8	85.4	52.7	72.5	71.5	101.9
1971	76.2	86.1	56.0	51.9	60.5	60.6	81.8	87.8	53.9	75.0	80.1	102.1
1972	86.6	98.4	59.9	53.3	62.7	62.1	83.7	89.0	56.3	77.5	85.5	101.3
1973	89.3	100.6	68.7	63.2	67.3	62.0	85.5	93.5	61.2	79.8	88.2	102.0
1974	101.4	101.3	79.3	86.1	73.6	95.7	93.0	98.1	81.8	91.2	89.2	101.4
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	94.6	101.2	99.9	92.2	107.2	99.9	111.6	99.9	101.4	107.1	110.6	101.0
1977	116.1	112.4	107.5	94.5	111.7	95.5	129.3	99.8	109.3	110.7	130.6	108.6
1978	122.8	143.6	108.8	113.0	111.7	94.0	148.3	99.8	125.5	115.5	133.4	119.9
1979	142.7	202.8	117.1	118.6	111.7	94.0	177.3	102.9	138.4	129.0	134.1	133.4
1980	146.3	261.7	133.0	131.5	135.7	94.0	218.8	126.3	154.8	143.1	141.1	133.5
1981	217.4	269.3	149.0	143.2	167.3	94.0	283.3	153.2	168.4	182.5	156.1	174.8
1982	215.1	283.3	156.3	166.4	189.6	188.1	322.5	162.4	190.7	192.0	165.4	188.8
1983	227.9	302.5	157.2	174.9	203.2	187.8	343.7	162.5	200.8	199.6	170.5	188.1
1984	156.3	213.7	148.5	124.9	152.3	115.0	259.9	167.6	143.5	142.3	111.4	130.1
1985	175.6	244.1	148.4	135.1	171.1	107.6	293.9	174.3	155.3	153.7	117.1	143.6

Table 93.—Mining cost indexes for Western Sahara

Year	Local currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	66.9	66.9	80.5	70.0	49.6	57.0	64.8	58.4	49.0	59.8	83.6	5.037
1971	75.3	75.3	83.3	71.5	51.0	67.1	68.2	65.2	50.6	63.1	83.6	5.022
1972	75.3	75.3	79.0	72.8	58.6	68.9	70.1	70.2	52.4	62.8	83.6	4.996
1973	90.6	90.6	85.7	79.5	67.4	71.5	71.3	74.6	62.3	68.3	86.3	4.107
1974	90.6	90.6	99.5	106.9	94.2	95.6	85.9	88.1	97.1	100.1	100.0	4.370
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	4.053
1976	100.0	100.0	117.5	106.4	102.2	110.8	107.8	126.2	106.3	104.6	100.0	4.419
1977	110.2	110.2	128.3	112.6	115.1	125.9	113.0	116.9	115.4	113.0	115.1	4.503
1978	110.2	110.2	126.7	125.4	116.9	156.8	121.5	128.3	125.5	107.1	115.1	4.167
1979	154.3	154.3	126.0	152.4	128.5	198.3	135.7	149.4	152.1	137.9	149.3	3.899
1980	154.3	154.3	134.7	163.0	161.4	257.9	157.6	178.3	171.7	156.2	149.3	3.937
1981	163.5	163.5	186.5	178.1	185.4	338.8	180.2	206.1	224.4	181.4	178.8	5.172
1982	183.1	183.1	218.8	197.9	179.1	371.6	188.0	220.7	248.6	202.4	197.7	6.023
1983	193.9	193.9	250.3	198.3	180.8	371.6	199.3	244.4	252.6	219.0	210.0	7.111
1984	217.7	217.7	300.7	242.6	183.2	465.3	221.3	291.6	300.5	262.4	237.1	8.823
1985	237.2	237.2	276.6	256.4	199.7	404.9	239.1	318.6	320.9	283.1	259.2	7.924
Year	U.S. currency index											Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	53.8	53.8	64.8	56.3	39.9	45.9	52.1	47.0	39.4	48.1	67.2	0.804645
1971	60.7	60.7	67.2	57.7	41.1	54.2	55.0	52.6	40.8	50.9	67.4	.807048
1972	66.4	66.4	69.7	64.2	51.6	60.8	61.8	61.9	46.2	55.4	73.7	.881853
1973	89.4	89.4	84.6	78.4	66.5	70.6	70.3	73.6	61.5	67.4	85.2	.986851
1974	84.0	84.0	92.3	99.1	87.3	88.7	79.6	81.7	90.1	92.9	92.7	.927439
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	91.7	91.7	107.7	97.5	93.7	101.6	98.8	115.7	97.5	95.9	91.7	.917175
1977	99.2	99.2	115.5	101.3	103.6	113.3	101.7	105.2	103.8	101.7	103.6	.900066
1978	107.2	107.2	123.2	121.9	113.7	152.5	118.2	124.8	122.0	104.2	111.9	.972642
1979	160.4	160.4	130.9	158.5	133.6	206.2	141.1	155.3	158.1	143.4	155.2	1.039497
1980	158.9	158.9	138.7	167.8	166.1	265.5	162.3	183.5	176.7	160.8	153.7	1.029464
1981	128.1	128.1	146.2	139.6	145.3	265.5	141.2	161.5	175.8	142.1	140.1	.783642
1982	123.2	123.2	147.2	133.2	120.5	250.1	126.5	148.5	167.3	136.2	133.0	.672920
1983	110.5	110.5	142.7	113.0	103.0	211.8	113.6	139.3	144.0	124.8	119.6	.569962
1984	100.0	100.0	138.1	111.4	84.1	213.7	101.6	133.9	138.0	120.5	108.9	.459367
1985	121.3	121.3	141.4	131.1	102.1	207.1	122.2	162.9	164.1	144.8	132.6	.511484

Table 94.—Mining cost indexes for Yugoslavia

Year	Local currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	32.2	37.4	59.4	47.6	51.2	21.1	32.1	46.2	43.3	34.2	47.5	12.500
1971	42.4	45.2	63.6	52.5	54.3	29.6	36.4	52.1	52.7	38.8	57.5	14.958
1972	47.4	54.2	66.7	57.6	55.6	33.3	40.9	56.2	60.0	43.3	66.0	17.000
1973	61.5	62.3	71.2	62.7	59.3	44.4	47.0	57.5	65.5	49.3	75.7	16.189
1974	82.1	78.8	81.8	78.0	80.2	92.6	75.8	79.5	81.8	77.6	83.0	15.913
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	17.386
1976	112.7	116.7	110.6	110.2	98.8	100.0	109.1	98.6	105.5	107.5	127.8	18.193
1977	139.5	137.8	122.7	116.9	102.5	118.5	113.6	106.8	114.5	110.4	144.2	18.298
1978	166.1	166.0	128.8	125.4	107.4	122.2	118.2	112.3	125.5	116.4	179.9	18.644
1979	204.4	199.2	136.4	140.7	116.0	177.8	125.8	126.0	145.5	122.4	223.7	18.996
1980	260.5	233.1	151.5	169.5	123.5	370.4	151.5	137.0	181.8	149.3	284.2	24.639
1981	338.6	311.9	192.4	232.2	361.7	522.2	221.2	202.7	267.3	223.9	397.0	34.966
1982	439.5	395.7	223.2	275.1	392.9	682.9	312.6	234.9	321.6	316.1	537.0	50.276
1983	523.1	466.4	256.1	356.6	446.9	1006.0	487.8	321.3	420.7	439.7	752.5	92.839
1984	795.8	700.2	335.7	552.1	576.3	1583.9	835.4	574.9	673.8	771.5	1176.9	152.822
1985	1258.9	1096.7	499.9	873.1	792.9	2654.9	1461.5	933.2	1089.5	1299.8	1950.6	261.914
Year	U.S. currency index											Exchange ratio
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	
1970	44.8	52.0	82.6	66.2	71.2	29.3	44.6	64.3	60.3	47.6	66.1	1.390880
1971	49.2	52.6	74.0	61.1	63.1	34.4	42.3	60.5	61.3	45.1	66.8	1.162321
1972	48.5	55.5	68.2	58.9	56.8	34.1	41.8	57.4	61.4	44.3	67.4	1.022705
1973	66.0	66.9	76.5	67.4	63.6	47.7	50.4	61.8	70.3	52.9	81.3	1.073939
1974	89.7	86.1	89.4	85.2	87.7	101.2	82.8	86.8	89.4	84.8	90.7	1.092565
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	107.7	111.5	105.7	105.3	94.4	95.6	104.3	94.3	100.8	102.7	122.1	.955642
1977	132.5	130.9	116.6	111.1	97.4	112.6	108.0	101.5	108.8	104.9	137.0	.950158
1978	154.9	154.8	120.1	117.0	100.2	114.0	110.2	104.7	117.0	108.6	167.8	.932525
1979	187.1	182.3	124.8	128.8	106.2	162.7	115.1	115.3	133.1	112.0	204.8	.915245
1980	183.8	164.5	106.9	119.6	87.1	261.3	106.9	96.6	128.3	105.3	200.5	.705629
1981	168.3	155.0	95.7	115.4	179.8	239.6	110.0	100.8	132.9	111.3	197.4	.497225
1982	151.9	136.8	77.2	95.1	135.8	236.1	108.1	81.2	111.2	109.3	185.7	.345811
1983	97.9	87.3	47.9	66.7	83.7	198.3	91.3	60.1	78.8	82.3	140.9	.187270
1984	90.5	79.6	38.1	62.8	65.5	180.2	95.0	65.4	76.6	87.7	133.9	.113766
1985	83.5	72.8	33.1	57.9	52.6	176.2	97.0	61.9	72.3	85.2	129.4	.066380

Table 95.—Mining cost indexes for Zaire

Year	Local currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
1970	59.1	59.1	58.0	35.9	49.1	52.5	51.9	46.8	49.5	55.8	79.6	100.0
1971	72.8	72.8	43.4	36.5	50.0	59.6	54.7	52.3	53.4	56.2	75.1	100.0
1972	78.0	78.0	67.1	36.2	50.2	60.1	61.8	61.9	54.1	64.7	79.6	100.0
1973	78.0	78.0	76.7	46.4	50.2	64.1	70.3	73.6	53.6	75.9	75.1	100.0
1974	85.8	85.8	88.8	85.0	77.6	77.0	79.6	81.7	72.7	86.8	91.7	106.4
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	131.4	131.4	168.0	177.8	145.0	172.6	199.5	186.8	150.7	160.7	128.2	110.9
1977	159.5	159.5	201.6	229.2	223.5	182.9	174.3	180.3	209.7	184.1	168.0	100.0
1978	206.5	206.5	233.9	229.2	352.5	182.9	197.5	208.6	260.9	203.5	185.8	100.0
1979	277.3	277.3	517.5	413.8	820.1	423.0	487.8	537.0	566.7	464.8	374.8	100.0
1980	378.3	378.3	824.6	535.5	1966.5	905.2	908.8	1027.8	1223.4	853.3	1043.1	100.0
1981	473.7	473.7	1338.1	677.0	2110.3	1724.7	1237.9	1415.6	1354.7	1164.8	1043.1	100.0
1982	615.7	615.7	1694.2	1246.7	1994.8	2331.4	1454.4	1707.5	1578.8	1412.5	1564.3	100.0
1983	1012.9	1012.9	3804.9	3308.7	3433.1	4924.5	2924.5	3585.9	3305.4	3112.1	2925.2	100.0
1984	1493.8	1493.8	10671.8	8750.1	12459.6	13070.9	7420.5	9289.0	10442.1	7919.4	6622.5	152.2
1985	1741.9	1741.9	14650.5	12527.2	12499.1	18466.1	11063.9	13164.6	12324.7	11503.3	8843.8	179.2
Year	U.S. currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
1970	59.1	59.1	58.0	35.9	49.1	52.5	51.9	46.8	49.5	55.8	79.6	100.0
1971	72.8	72.8	43.4	36.5	50.0	59.6	54.7	52.3	53.4	56.2	75.1	100.0
1972	78.0	78.0	67.1	36.2	50.2	60.1	61.8	61.9	54.1	64.7	79.6	100.0
1973	78.0	78.0	76.7	46.4	50.2	64.1	70.3	73.6	53.6	75.9	75.1	100.0
1974	85.8	85.8	88.8	85.0	77.6	77.0	79.6	81.7	72.7	86.8	91.7	106.4
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	81.4	81.4	104.1	110.1	89.8	106.9	98.8	115.7	93.4	99.6	79.4	68.7
1977	93.0	93.0	117.6	133.7	130.4	106.7	101.7	105.2	122.3	107.4	98.0	58.3
1978	123.5	123.5	139.9	137.1	210.8	109.4	118.1	124.8	156.0	121.7	111.1	59.8
1979	80.2	80.2	149.6	119.6	237.1	122.3	141.0	155.2	163.8	134.4	108.4	28.9
1980	67.5	67.5	147.2	95.6	351.1	161.6	162.2	183.5	218.4	152.3	186.2	17.8
1981	54.0	54.0	152.6	77.2	240.6	196.7	141.1	161.4	154.5	132.8	118.9	11.4
1982	53.5	53.5	147.3	108.4	173.4	202.7	126.4	148.4	137.2	122.8	136.0	8.7
1983	39.2	39.2	147.6	128.3	133.1	191.0	113.4	139.1	128.2	120.7	113.4	3.8
1984	20.6	20.6	147.6	121.0	172.4	180.8	102.6	128.5	144.5	109.6	91.6	2.1
1985	16.7	16.7	141.0	120.5	120.3	177.7	106.4	126.7	118.6	110.7	85.1	1.7

Table 96.—Mining cost indexes for Zambia

Year	Local currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
1970	100.0	71.9	55.2	57.9	55.2	34.1	60.4	60.5	61.4	65.1	63.9	113.9
1971	105.7	84.4	55.8	63.2	55.0	37.2	61.6	61.6	64.7	68.3	67.4	109.8
1972	108.1	92.2	62.9	68.5	55.5	40.7	60.6	68.1	68.0	70.8	68.0	111.4
1973	113.8	93.8	74.6	70.8	63.1	43.5	65.6	71.8	71.5	74.2	79.8	105.8
1974	115.4	93.8	78.0	84.9	91.0	98.7	76.2	99.6	90.4	91.2	89.5	101.9
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	169.9	118.8	114.6	126.7	114.3	119.1	99.3	103.5	120.3	111.5	117.9	103.5
1977	178.0	115.6	125.6	167.5	127.4	143.7	120.5	122.5	135.8	121.2	149.9	99.4
1978	170.7	156.3	167.5	194.1	131.8	147.8	141.3	136.7	158.6	127.1	156.3	94.9
1979	191.9	207.8	192.5	251.9	155.9	237.0	166.1	145.1	181.2	151.5	181.6	94.2
1980	229.3	212.5	212.8	270.5	159.7	342.5	219.4	166.5	197.2	161.8	209.6	92.1
1981	246.8	234.3	237.7	298.0	155.4	417.7	218.9	205.4	221.4	165.6	219.1	93.0
1982	290.6	277.9	282.8	347.4	170.3	453.2	230.9	195.9	258.5	169.6	249.1	95.5
1983	309.2	323.3	379.6	411.4	218.4	524.5	345.1	277.5	295.9	207.5	295.9	95.5
1984	329.0	376.0	543.9	532.7	272.9	733.8	428.6	345.7	373.2	241.1	368.6	114.6
1985	471.3	492.6	718.6	731.9	368.8	898.4	559.9	478.4	502.1	305.5	493.4	156.2
Year	U.S. currency index											Exchange rate
	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explosives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power
1970	90.1	64.7	49.7	52.1	49.7	30.7	54.4	54.5	55.3	58.6	57.5	102.6
1971	95.2	76.0	50.3	56.9	49.5	33.5	55.5	55.5	58.3	61.5	60.7	98.0
1972	97.4	83.0	56.6	61.7	50.0	36.6	54.5	61.3	61.2	63.8	61.2	100.3
1973	112.8	92.9	73.9	70.1	62.5	43.1	65.0	71.2	70.8	73.5	79.1	104.9
1974	115.4	93.8	78.0	84.9	91.0	98.7	76.2	99.6	90.4	91.2	89.5	101.9
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1976	153.2	107.1	103.4	114.2	103.1	107.4	89.6	93.3	108.4	100.5	106.3	93.3
1977	145.1	94.2	102.3	136.5	103.8	117.1	98.2	99.8	110.7	98.7	122.2	81.0
1978	137.2	125.6	134.6	156.0	106.0	118.8	113.6	109.9	127.5	102.1	125.6	76.3
1979	155.6	168.5	156.1	204.3	126.4	192.2	134.7	117.6	146.9	122.8	147.2	76.3
1980	186.8	173.2	173.4	220.4	130.1	279.1	178.8	135.7	160.7	131.8	170.8	75.1
1981	182.8	173.6	176.1	220.7	115.1	309.4	162.1	152.1	164.0	122.7	162.3	68.9
1982	201.4	192.6	195.9	240.7	118.0	314.0	160.0	135.8	179.1	117.5	172.6	66.1
1983	158.9	166.1	195.1	211.4	112.2	269.5	177.3	142.6	152.0	106.7	152.1	49.0
1984	117.9	134.7	194.9	190.9	97.8	263.0	153.6	123.9	133.7	86.4	132.1	41.0
1985	128.2	134.0	195.5	199.1	100.3	244.4	152.3	130.1	136.6	83.1	134.2	42.5

Table 97.—Mining cost indexes for Zimbabwe

Local currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange rate
1970	67.9	63.7	70.9	62.4	56.2	63.7	55.4	78.7	66.0	73.9	80.9	110.9	0.714
1971	70.2	75.2	75.5	65.0	59.5	67.4	55.4	82.1	68.0	76.5	83.4	108.5	.712
1972	71.4	81.6	74.7	61.9	63.5	60.3	55.4	73.7	70.3	69.7	82.9	98.8	.660
1973	75.8	77.2	74.7	70.3	69.4	62.4	55.4	76.2	75.2	71.6	82.4	90.2	.585
1974	85.7	86.0	86.8	84.7	86.9	91.2	62.6	96.3	87.5	88.9	87.2	92.7	.580
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.571
1976	113.2	107.9	106.2	107.4	103.3	129.8	104.4	102.4	110.5	102.6	106.1	102.4	.626
1977	127.5	115.8	117.6	121.0	120.0	155.1	110.6	118.3	128.7	115.9	116.9	117.1	.628
1978	137.4	123.7	147.1	149.0	139.6	169.2	125.6	141.4	144.5	139.5	124.7	141.5	.677
1979	158.2	138.6	173.6	184.3	183.0	285.3	142.7	164.8	172.9	167.0	143.3	154.9	.680
1980	193.4	161.4	203.5	215.5	243.7	354.1	155.5	194.8	208.8	199.7	160.1	169.5	.643
1981	238.6	196.8	212.9	228.9	319.1	372.6	159.9	196.9	262.4	207.0	199.6	179.3	.680
1982	308.1	237.5	213.9	235.7	349.1	378.9	177.0	196.1	299.0	210.6	236.5	219.5	.757
1983	339.1	275.0	292.4	332.8	393.2	491.9	238.0	267.6	348.4	293.8	262.8	266.9	1.011
1984	393.8	299.1	331.2	352.9	431.4	558.4	292.0	290.0	391.7	323.8	309.0	339.6	1.244
1985	443.7	348.9	494.7	557.1	469.1	762.1	341.7	442.3	425.8	502.2	369.3	385.5	1.757
U.S. currency index													
Year	Mining wage	Construction wage	Equipment and repair parts	Bits and re-lated steel	Timber and lumber	Fuel	Explo-sives	Tires and rubber	Construction materials	Chemicals	Transportation	Electric power	Exchange ratio
1970	54.3	50.9	56.7	49.9	44.9	50.9	44.3	62.9	52.8	59.1	64.7	88.6	0.799719
1971	56.3	60.3	60.5	52.1	47.7	54.1	44.4	65.8	54.6	61.4	66.9	87.0	.801966
1972	61.8	70.6	64.6	53.5	54.9	52.2	47.9	63.8	60.8	60.3	71.7	85.5	.865151
1973	74.0	75.3	72.9	68.6	67.7	60.9	54.1	74.3	73.4	69.9	80.4	88.1	.976068
1974	84.4	84.6	85.4	83.4	85.6	89.8	61.6	94.8	86.1	87.5	85.9	91.2	.984482
1975	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.000000
1976	103.2	98.4	96.9	97.9	94.3	118.4	95.2	93.4	100.7	93.5	96.8	93.4	.912140
1977	115.9	105.3	106.9	110.0	109.1	141.0	100.5	107.6	117.0	105.4	106.3	106.4	.909235
1978	115.9	104.3	124.1	125.7	117.7	142.7	105.9	119.3	121.9	117.6	105.2	119.3	.843426
1979	132.9	116.4	145.8	154.7	153.7	239.6	119.8	138.4	145.1	140.3	120.3	130.0	.839705
1980	171.8	143.3	180.7	191.4	216.4	314.4	138.1	173.0	185.4	177.3	142.2	150.5	.888024
1981	209.9	162.9	176.2	189.4	264.0	308.3	132.3	163.0	217.1	171.3	165.2	148.3	.827536
1982	232.4	179.1	161.3	177.7	263.3	285.8	133.5	147.9	225.5	158.8	178.4	165.6	.754293
1983	191.5	155.3	165.1	187.9	222.1	277.8	134.4	151.1	196.8	165.9	148.4	150.7	.564787
1984	180.7	137.2	152.0	162.0	198.0	256.3	134.0	133.1	179.8	148.6	141.8	155.9	.459003
1985	144.2	113.4	160.7	181.0	152.4	247.6	111.0	143.7	138.4	163.2	120.0	125.2	.324985

APPENDIX.—GENERIC EXAMPLE OF COST UPDATING USING THE IMCI

One example of how an analyst can use the IMCI to update cost estimates is shown in table A-1 and explained below. For the purpose of this hypothetical example, it is assumed that an analyst wishes to update a 1983 mine operating cost for a hypothetical mine in a hypothetical country to 1985 terms. The original 1983 mine operating cost can either be converted from the local currency to U.S. dollars using the exchange rate and then updated using the U.S.-dollar-denominated indexes for that country, or the cost can be kept in the local currency and updated using the local-currency-denominated indexes and then converted to U.S. dollars using the 1985 exchange rate. Either method will give the same result. In our example we use the former method.

The example calculation shown in table A-1 is explained below. Please note that there are two ways to carry out the simple mathematics of this updating calculation. The analyst can update each component of the total operating cost (labor component, fuel component, etc.) separately and then sum the results, or the analyst can update the total cost by multiplying the total cost by the total increase in the indexes of all factors that compose the total cost, with each index weighted by the percentage contribution of that component to the total cost. For this generic example, the total cost is updated by updating each component separately and then summing the results.

Table A-1.—Hypothetical example of updating a mine operating cost from 1983 to 1985

Component	Value	Index used ¹	1983-85 increase ² , pct	Calculation ³	Updated cost
Mining wage	\$5.50	1	25	$\$5.50 \times 1.25 =$	\$6.87
Equipment and repair parts	1.50	3	15	$1.50 \times 1.15 =$	1.72
Bits and related steel50	4	20	$0.50 \times 1.20 =$	0.60
Fuel	2.00	6	30	$2.00 \times 1.30 =$	2.60
Explosives50	7	10	$0.50 \times 1.10 =$	0.55
Total per metric ton ore	10.00	NAp	NAp	NAp	12.34

NAp Not applicable.

¹See table 1 in the main text for index numbers, categories, and definitions.

²Increase in U.S.-dollar-dominated index.

³Dollar value (column 2) times pct increase in index (column 4). For calculation purposes, increases are expressed in decimal form as (1.00 plus increase); e.g., a 25-pct increase is written as 1.25.

STEP 1.—Multiply each U.S.-dollar-denominated cost of each component (labor, fuel, etc.) by the respective percent increase in the cost index of that component. For example, if the labor cost component of the total cost is \$5.50 and if the labor index has increased 25 pct between 1983 and 1985, then \$5.50 would be multiplied by 1.25 to yield \$6.87, which is the updated (1985) labor cost portion of the total mine operating cost.

STEP 2.—Repeat step 1 for each cost component.

STEP 3.—Sum the updated cost components to obtain the 1985 updated mine operating cost. In this example, the cost increases from \$10/mt ore to \$12.34/mt ore.

It should be noted that when a cost is updated using indexes, the underlying assumption is that the mix of cost components (e.g., labor cost as a percent of the total cost) remains unchanged. As a general rule, therefore, the accuracy of cost updating decreases as the time period expands, since over the long term (greater than 5 yr) the technology of mining and processing operations or the mix of cost components (e.g., amount of labor or fuel used in the mining or processing stages) may change. These changes are not reflected in indexes. It is recommended that cost updating not be used beyond a 5-yr period, if possible.





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